#### STATE & LOCALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

FORM OP - D04 Year Submitted Plant No. County No. Facility Name 1997 0230 4300 McDonnell Douglas Corporation Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire, unless otherwise noted. McDonnelt Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. EMISSION LIMIT OR STANDARD COMPLIANCE DETERMINATION METIIOD EMISSION UNIT APPLICABLE **EMISSION** (TESTING, MONITORING, ETC.) REQUIREMENTS AND UNITS POLLUTANT UNIT NO. DESCRIPTION POINT NO. VAPOR DEGREASERS Operating permits are posted on or near all permitted Rule requires permits granted under 612.110 to be affixed St. Louis County APC Code, Chapter 612 - Section 612.120, Vapor Degreaser N.A. VD-027-01 VD-027-01 in such a manner as to be clearly visible and accessible. Permits to be Visually Affixed or Placed St. Louis County APC Code, Chapter 612 - Section 612.150 VOC/HAP Operating Permit #5612: St. Louis County Operating Permit #5612 (Issued: 9/22/88) N.A Permit requires that the source is operated "pursuant to the conditions set out in the operating permit application" There are no "permit conditions" or "emission limits" identified in either the permit or permit application. The information presented in the application was provided to document that this source qualified for a de minimis permit. Rule requires permits granted under 612,110 to be affixed Operating permits will be posted on or near all St. Louis County APC Code, Chapter 612 - Section 612.120, N.A. VD-029-01 VD-029-01 Vapor Degreaser in such a manner as to be clearly visible and accessible Permits to be Visually Affixed or Placed St. Louis County APC Code, Chapter 612 - Section 612.150 VOC/HAP Operating Permit: St. Louis County Operating Permit #: (Issued pending) **Operating Permit:** Pending Pending Rule requires permits granted under 612.110 to be affixed Operating permits are posted on or near all permitted St. Louis County APC Code, Chapter 612 - Section 612.120, N.A. VD-101-01 Vapor Degreaser VD-101-01 in such a manner as to be clearly visible and accessible. Permits to be Visually Affixed or Placed equipment St. Louis County APC Code, Chapter 612 - Section 612 150 VOCHIAP St. Louis County Operating Permit #5078 (Issued: 10/21/82) Operating Permit #5078: Permit requires that the source is operated "pursuant N.A. to the conditions set out in the operating permit application". There are no "permit conditions" or "emission limits" identified in either the permit or permit application. The information presented in the application was provided to document that this source qualified for a de minimis permit. Rule requires permits granted under 612,110 to be affixed Operating permits are posted on or near all permitted St. Louis County APC Code, Chapter 612 - Section 612.120, N.A. VD-101-02 VD-101D-04 Vapor Degreaser in such a manner as to be clearly visible and accessible. Permits to be Visually Affixed or Placed St. Louis County APC Code, Chapter 612 - Section 612 150 VOCHIAP Operating Permit #6168: St. Louis County Operating Permit #6168 (Issued: 12/14/95) Permit requires that the source is operated "pursuant N.A to the conditions set out in the operating permit application" There are no "permit conditions" or "emission limits" identified in either the permit or permit application. The information presented in the application was provided to document that this source qualified for a de minimis permit. Rule requires permits granted under 612,110 to be affixed Operating permits are posted on or near all permitted St. Louis County APC Code, Chapter 612 - Section 612.120, N.A. VD-102-01 VD-102-01 Vapor Degreaser Permits to be Visually Affixed or Placed in such a manner as to be clearly visible and accessible St. Louis County APC Code, Chapter 612 - Section 612 150 VOC/HAP St. Louis County Operating Permit #5081 (Issued 10/21/82) Operating Permit #5081: Permit requires that the source is operated "pursuant N.A. to the conditions set out in the operating permit application" There are no "permit conditions" or "emission limits" identified in either the permit or permit application. The information presented in the application was provided to document that this source qualified for a de minimis permit.

## STATE & LOCALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

| FORM O           | P - D04             |  |   |   |   | Section   |  |  |
|------------------|---------------------|--|---|---|---|---|--|--|
| Facility Na      |                     | County No. Plant No.   |   |   |   | Year Submitted  |  |  |
|                  |                     | as Corporation   |   | 4300  | 0230  | 1997  |  |  |
| unless othe      | ddition to the foll | lowing "emission unit specif<br>Donneli Dougias' obligation<br>EMISSION UNIT | ic" applicable requir<br>to record keep, prep | rements, all emission points included on this form are re<br>are, and submit an annual emissions report for these sou | ported annually in McDonneli Dougias' Emission acces is being addressed herein as a "plant-wide" a  | Inventory Questionnaire, applicable requirement.  COMPLIANCE DETERMINATION METHOD |  |  |
| EIQ<br>POINT NO. | UNIT NO.            | DESCRIPTION  | POLLUTANT                                     | REQUIREMENTS  | AND UNITS   | (TESTING, MONITORING, ETC.)   |  |  |
|                  | GREASERS            |  |   |   |   |   |  |  |
| VD-220-01        | VD-220-01           | Vapor Degreaser  | N.A.  | St. Louis County APC Code, Chapter 612 - Section 612.120,<br>Permits to be Visually Affixed or Placed                 | Rule requires permits granted under 612.110 to be affixed in such a manner as to be clearly visible and accessible.   | Operating permits are posted on or near all permitted equipment.                  |  |  |
|                  |                     |  | VOC/HAP                                       | St. Louis County APC Code, Chapter 612 - Section 612.150 St. Louis County Operating Permit #5076 (Issued: 10/21/82)   | Operating Permit #5076: Permit requires that the source is operated "pursuant to the conditions set out in the operating permit application". There are no "permit conditions" or "emission limits" identified in either the permit or permit application. The information presented in the application was provided to document that this source qualified for a de minimis permit | N.A.  |  |  |

| cility Name<br>Donnell Douglas Corporation   |   | County No.   | 4300                                       | Plant No.     | 0230             | Year Submitte  |                 |
|--|---|--|--|---------------|------------------|--|-----------------|
| nission Point No. Plant-wide   | Emission Unit No.   | Plant-wide   | Applicable Requir                          | rement:       | 10 CSR 10-5.     | .160   |                 |
| Compliance Demonstration Meth  | ods (Testing, Monitoring,                                     | Recordkeeping  | , Reporting, etc.)                         |               |                  |  |                 |
| Check the Applicable Method  |   |  | Basis of Compli                            | ance Metho    | od               |  |                 |
| Testing  | ✓ Monitoring  |  | A  | Applicable R  | tequirements     |  |                 |
| Recordkeeping  | Reporting   | PIDOURAN COLOR S PROPERTY AND A SECOND SECON |  | Sap Filling   |                  |  |                 |
| Testing  Describe any to company, ope  | tests which have been perfor<br>rating conditions existing du | med to quantify<br>ing the test and  | emissions. Include the summary of results. | e date of the |                  | The state of the s | d, testing      |
| te Test Method   | Firm  |  | Operating Condit                           | ions          | Summary of       | Results  |                 |
| N.A.   |   |  |  |               |                  |  |                 |
|  | the date of entry. For each re                                |  |  |               |                  | Record Reter   | tion            |
| arameter (data) Being Recorded  N.A.   | Measurement   | iletnoa  |  | Frequen       |                  | Record Record  |                 |
| N.A.   |   |  |  |               |                  |  |                 |
| N.A.  Monitoring  Describe any   | emission monitoring used, lo                                  |  | r, pollutants being mor                    |               |                  | and duration, and d  | ata             |
| N.A.   | emission monitoring used, lo                                  | cation of monito   | r, pollutants being mor                    |               |                  |  | ata             |
| N.A.  Monitoring  Describe any reporting methods:  | emission monitoring used, lo                                  | cation of monito   |  | nitored, sam  |                  | and duration, and d  | ata             |
| N.A.  Monitaring  Describe any reporting methonitoring Device Type   | emission monitoring used, lo                                  | cation of monito   | r, pollutants being mor                    | nitored, sam  |                  | and duration, and di   | ata             |
| N.A.  Monitoring  Describe any reporting methonitoring Device Type  Agency inspection records  ampling Frequency   | emission monitoring used, lond.    Location Description       | cation of monito   | How Data Will Be                           | nitored, sam  | ipling frequency | and duration, and di   | ata             |
| N.A.  Monitoring  Describe any reporting methonitoring Device Type  Agency inspection records  ampling Frequency   | emission monitoring used, lond.    Location Descr             | cation of monito   | How Data Will Be                           | nitored, sam  | o the agency.    | and duration, and di   | ata             |
| N.A.  Monitoring  Describe any reporting methonitoring Device Type  Agency inspection records ampling Frequency  Reporting  Describe all reporting Requirement | emission monitoring used, lond.    Location Description       | iption ip | How Data Will Be                           | Reported      | o the agency.    | r and duration, and de Pollutant(s) Being odor   | ata<br>Monitore |

### **COMPLIANCE DETERMINATION METHODS**

## STATE AND LOCALLY ENFORCEABLE (PENDING SIP INCORPORATION)

| Facility Name                        |   | County No.  | 1300                                    | Plant No.  | 0230          | Year Submitted<br>1997 |  |
|--------------------------------------|---|---|---|--|---------------|------------------------|--|
|                                      | iglas Corporation   |   |   | Applicable Requi   | roment:       | 10 CSR 10-5.450        | 1001   |
| Emission Point                       |   |   | nt-wide                                 | 100  |               | 10 CBN 10-3.430        |  |
|                                      |   | ethods (Testing, Monitoring   | g, Recardkeepin                         | g, Reporting, etc.)  Basis of Complia  | ance Metho    | d                      |  |
| Check the                            | Applicable Method   |   |   | The second secon |               |                        |  |
| F 2 - 2 - 7 - 11 - 1                 | Testing   | Monitoring  |   | 1  |               | equirements            |  |
|                                      | Recordkeeping   | Reporting   |   |  | Sap Filling   |                        |  |
| Testing                              | Describe any tests which                                    | n have been performed to questing during the test and sum                     | uantify emissions.<br>nmary of results. |  |               |                        |  |
| Date                                 | Test Method   | Firm  |   | Operating Condit   | tions         | Summary of Res         | uits   |
|                                      | N.A.  |   |   |  |               |                        |  |
| Record                               | Keeping List parameters for whice from the date of entry. F | or each recorded parameter  | include the meth                        | of such records (he od of measurement.   |               |                        | of time records are retained                               |
| Parameter (dat                       | a) Being Recorded   | Measurement Me  | ethod                                   |  | Frequenc      | cy                     | Record Retention   |
| VOC content o                        | f traffic coating paint                                     | Purchase and ap<br>coatings. Mainte<br>manufacturer's o<br>the traffic coatin | ain records of MS<br>data showing the   | SDS or appropriate   |               | N.A.                   | 5 years  |
| Monito                               | ring  |   |   |  |               |                        | a and data reporting method                                |
| Monitoring De record keeping section | Describe any emission ovice Type as identified in the abor  | Location Descri   | monitor, pollutants<br>ption            |  |               | 101                    | n, and data reporting method.<br>lutant(s) Being Monitored |
| Sampling Fred                        | uency   | Duration of Sam   | npling                                  | How Data Will Be   | e Reported    |                        |  |
| Repor                                | ing  Describe all reporting re                              | equirements and provide the   | title and frequenc                      | y of report submittal  | ls to the age | ency.                  |  |
| Reporting Rec                        |   |   | Title of Report                         |  |               | Submittal F            | requency   |
|                                      | •   |   |   | ** *   |               |                        | N 4  |
|                                      | None  |   |   | N.A.   |               | The second second      | N.A.   |
|                                      | Attach description for                                      | any Alternate Compliance  | Demonstration                           | Methods not listed   | above and     | I Iabei as Exhibit     | FURIN UP - DUS   |

| ORM OP - D05 COMPLIA  | ANCE DETERMINATION   | METHODS                                | 1                     | STATE AND I     | OCALLY ENFO      |  |
|---|--|--|-----------------------|-----------------|------------------|--|
| acility Name<br>IcDonnell Douglas Corporation                 |  | County No.                             | 4300                  | Plant No.       | 0230             | Year Submitted<br>1997                   |
| mission Point No. Plant-wide                                  | Emission Unit No. Pla  | nt-wide                                | Applicable Requ       | uirement: 1     | 0 CSR 10-6.050   |  |
| Compliance Demonstration Met                                  | horis (Testing, Monitoring, R                                  | ecordkeeping, l                        | Reporting, etc.)      |                 |                  |  |
| Check the Applicable Method                                   |  |  | Basis of Comp         | liance Method   |                  |  |
| Testing   | Monitoring   |  | /                     | Applicable Req  | uirements        |  |
| Recordkeeping   | ✓ Reporting  |  |                       | Gap Filling     |                  |  |
|   |  |  |                       |                 |                  |  |
| Testing  Describe any tests who presenting conditions of      | nich have been performed to quexisting during the test and sun | uantify emissions<br>nmary of results. |                       |                 |                  |  |
| Test Method   | Firm   |  | Operating Cond        | litions         | Summary of Res   | ults                                     |
| N.A.  |  |  |                       |                 |                  |  |
| Parameter (data) Being Recorded  N.A.                         | For each recorded paramete  Measurement M                      | ethod                                  |                       | Frequency       |                  | Record Retention                         |
| Monitoring  | on monitoring used, location of                                | monitor pollutan                       | ts being monitored,   | sampling frequ  | ency and duratio | n, and data reporting method             |
| Monitoring Device Type  | Location Descri  | iption                                 | <u> </u>              |                 | Po               | llutant(s) Being Monitored               |
| N.A.  |  |  | Til D. C. MCII.       | Do Denembed     |                  |  |
| Sampling Frequency  | Duration of San  | npling                                 | How Data Will I       | Se Kepoited     |                  |  |
| Reporting  Describe all reporting                             | g requirements and provide the                                 | title and frequer                      | ncy of report submitt | als to the agen | cy.              | _  |
| Reporting Requirement   |  | Title of Report                        |                       |                 | Submittal        | Frequency                                |
| Report cause of excess emissions du<br>malfunction condition. | ue to start-up, shutdown, or                                   |  | -                     |                 |                  | lays after notice of excess<br>from MDNR |
| Attach description  | for any Alternate Compliance                                   | Demonstration                          | Methods not liste     | d above and l   | abel as EXHIBIT  | FORM OP - D05                            |
| 10 780-1519 (REV. April 11, 1996)                             |  |  | Duplicate this        | form as neede   | ed               | Page D05                                 |

| ORM OP - D05 COMPLIA  Cacility Name  McDonnell Douglas Corporation   | NCE DETERMINATION  | County No.   | 4300                                    | Plant No   | 0230                    | Year Submitted<br>1997   |
|--|--|--|---|--|-------------------------|--|
| mission Point No. Plant-wide   | Emission Unit No.  | Plant-wide   | Applicable R                            |  | 10 CSR 10-              | 6.170  |
| . Compliance Demonstration Meth  | ods (Testing, Monitoring, F  | Recordkeeping,   | Reporting, etc.)                        |  |                         |  |
| Check the Applicable Method  | The state of the s |  | Basis of Co                             | ompliance ivietin  |                         |  |
| Testing  | ✓ Monitoring   |  | 1 1 1 <u> </u>                          |  | Requirements            |  |
| Recordkeeping  | Reporting  |  |   | /_ Gap Filling   |                         |  |
| Testing  Describe any company, ope   | tests which have been performating conditions existing du  | ormed to quantil<br>uring the test ar  | fy emissions. Income and summary of res | lude the date of sults.  |                         | ods and procedures used, testin  |
| Date Test Method   | Firm   |  | Operating Co                            |  | Summary o               | f Results  |
| N.A.   |  |  |   |  |                         |  |
| List parameter   | rs for which records are being   | ecorded parame   | ter include the me                      | thod of measure  | ement.                  |  |
| List parameter retained from Parameter (data) Being Recorded  N.A.   | rs for which records are being<br>the date of entry. For each re<br>Measurement N  | ecorded parame   | ter include the me                      | thod of measure<br>Frequen   | ement.                  | Record Retention   |
| retained from Parameter (data) Being Recorded  N.A.  Monitoring  Describe any  | Measurement Measur | ecorded parame   | ter include the me                      | Frequen  | icy                     | Record Retention  y and duration, and data   |
| retained from Parameter (data) Being Recorded  N.A.  | Measurement Measur | Method  Method  Method   | ter include the me                      | Frequen  | icy                     | Record Retention   |
| retained from Parameter (data) Being Recorded  N.A.  Monitoring  Describe any reporting methods  | Measurement Measur | Method  Method  Method   | r, pollutants being                     | Frequent monitored, sam  | ncy<br>apling frequence | Record Retention  y and duration, and data   |
| retained from Parameter (data) Being Recorded  N.A.  Monitoring  Describe any reporting method reporting method records  Agency inspection records   | Measurement Measur | Method  Ocation of monitoription   | r, pollutants being                     | Frequen  | ncy<br>apling frequence | y and duration, and data  Pollutant(s) Being Monitored   |
| retained from Parameter (data) Being Recorded  N.A.  Monitoring  Describe any reporting method reporting method records  Agency inspection records   | Measurement Measur | Method  Ocation of monitoription   | r, pollutants being                     | Frequent monitored, sam  | ncy<br>apling frequence | y and duration, and data  Pollutant(s) Being Monitored   |
| retained from Parameter (data) Being Recorded  N.A.  Monitoring  Describe any reporting method reporting method reporting method reporting method records records  Agency inspection records  Sampling Frequency   | emission monitoring used, lond.  Location Description  | dethod  ocation of monitoription  mpling   | or, pollutants being                    | Frequent Fre | ncy                     | y and duration, and data  Pollutant(s) Being Monitored   |
| retained from Parameter (data) Being Recorded  N.A.  Monitoring  Describe any reporting method reporting method reporting method reporting method records  Agency inspection records  Sampling Frequency  Reporting  Describe all reporting method records | Measurement Measur | necorded parame  Method  Detailed parame  Detailed parame | How Data W                              | Frequent Fre | npling frequence        | Pollutant(s) Being Monitored  PM   |
| retained from Parameter (data) Being Recorded  N.A.  Monitoring  Describe any reporting method reporting method reporting method records  Agency inspection records  Sampling Frequency  | emission monitoring used, lond.  Location Description  | dethod  ocation of monitoription  mpling   | How Data W                              | Frequent Fre | npling frequence        | Record Retention  y and duration, and data  Pollutant(s) Being Monitored  PM  nittal Frequency       |
| retained from Parameter (data) Being Recorded  N.A.  Monitoring  Describe any reporting method reporting method reporting method records  Sampling Frequency  Reporting  Describe all references  Reporting Requirement                                    | emission monitoring used, lond.  Location Description  | dethod  ocation of monitoription  mpling  rovide the title ar  | How Data W  Ind frequency of ret  N.A.  | Frequent Fre | o the agency.           | Record Retention  y and duration, and data  Pollutant(s) Being Monitored  PM  nittal Frequency  N.A. |

| THE POST COMPLIANCE  | EDETERMINATION   | METHODS                               | STATI  | E AND LOCALL                                     | Y ENFORCE               | ABLE                                   | Section D                        |
|--|--|---------------------------------------|--|--|-------------------------|--|----------------------------------|
| RM OP - D05 COMPLIANCE acility Name cDonnell Douglas Corporation   | DETERMINATION  | County No.                            | 4300   | Plant No.<br>023                                 | 0                       | Year Submitt                           | ed<br>1997                       |
| mission Point No.  | mission Unit No.  Plant-wid  |                                       | Applicable Requi                                       | rement: 10                                       | CSR 10-6.24             |  | THE STREET                       |
| Compliance Demonstration Methods Check the Applicable Method Testing Recordkeeping                                     | (Testing, Monitoring, Monitoring) Monitoring Reporting   | Record keeping                        | Basis of Compil  | ance Method pplicable Require ap Filling         | ements                  |  |                                  |
| Describe any tests which to company, operating conditionate  Test Method  N.A.   | nave been performed to display the temperature for the temperature | quantify emission<br>est and summan   | ns. Include the date<br>y of results.  Operating Condi | V—————————————————————————————————————           | ods and proce           |  | esting                           |
| Record keeping  List parameters for which from the date of entry. For arameter (data) Being Recorded  ) waste disposal | Measurement M  1) manifest reco  | ethod                                 | ncy of such records ethod of measureme                 | (hourly, daily, etc.)  Frequency  1) after dispo |                         | Record Retermine 1) 5 years 2) 5 years |                                  |
| ) results of air filtration equipment sm<br>ube test   |  |                                       | 10.X-10  |  |                         | and the second second second           | a selection of the               |
| Monitoring  Describe any emission monitoring Device Type  per the requirements of 10 CSR 10-6.                         | Location Descr   | iption                                | ants being monitored                                   | i, sampling frequ                                | ency and dura           | • •                                    | reporting methog Monitored estos |
| Sampling Frequency per the requirements of 10 CSR 10-6.  | Duration of Sar<br>240 per the req   | mpling<br>nuirements of<br>2 10-6.240 | How Data Will E  | Be Reported  per the requir                      | ements of 10            | CSR 10-6.240                           |                                  |
| Reporting  Describe all reporting req  | uirements and provide th   | e title and freque                    | ency of report submi                                   | ttals to the agend                               | cy.<br>│ Submittal      | Frequency                              |                                  |
| Reporting Requirement  1) pre-project notification  2) post-project notification                                       |  | 2) Asbestos Pro                       | oject Notification<br>oject Notification               |  | 1) beginni<br>2) end of | ng of each pro<br>each project         | nject                            |
| Attach description for any Alternate C IO 780-1519 (REV. April 11, 1996)   | ompliance Demonstrati  | on Methods not                        | Duplicate this   | label as EXHIBI<br>form as needed                | I FURM UP -             |  | Page D05S-5                      |

| SOM OR D                        | COMPLIAN  | CE DETERMINATIO   | N METHODS                                  | STATE                                       | AND LOCA                    | ALLY ENFORCEAL                       |  |
|---------------------------------|---|---|--|---|-----------------------------|--------------------------------------|--|
| acility Name                    | iglas Corporation   | OL DETERMINATION  | County No.                                 | 4300  | Plant No.                   | 0230                                 | Year Submitted<br>1997   |
| mission Point                   | No Plant-wide   | LIIII   | Plant-wide                                 | Applicable Requ                             | irement:                    | 10 CSR 10-6.250                      | The second control of the second seco |
| Compliance                      | Demonstration Method  | ds (Testing, Monitoring,                                | Recordkeeping, R                           | eporting, etc.)                             |                             |                                      | the state of the s |
|                                 | Applicable Method Testing Recordkeeping   | / Monitoring Reporting                                  |  | Basis of Compile                            | Applicable F<br>Gap Filling | Requirements                         |  |
| Testing                         | Describe any tests whice company, operating con                                     | h have been performed to<br>ditions existing during the | o quantify emission<br>e test and summar   | y or results.                               |                             | methods and proc                     | * :  |
| Date                            | Firm  |   |  | Operating Cond                              | perating Conditions S       |                                      | uits   |
| Recordkee                       | ping List parameters for whice from the date of entry. F                            | h records are being maint<br>or each recorded parame    | ained, the frequenc<br>er include the meth | cy of such records (h<br>nod of measurement | ·                           |                                      | of time records are retained  Record Retention   |
| all persons who                 | ta) Being Recorded  o authorize, design, cond os abatement projects or i ment areas | · / -   | quirements of 10 C                         | CSR 10-6.250(3)                             |                             | e requirements of<br>CSR 10-6.250(3) | 5 years  |
| Monitoring De                   | vice Type   | Location Desc   | of monitor, pollutan<br>ription            | ts being monitored, s                       | sampling fre                | equency and duration                 | n, and data reporting method.<br>Ilutant(s) Being Monitored  |
| record keeping<br>Sampling Free | g as identified in the abov<br>quency   | Duration of Sa  | mpling                                     | How Data Will E                             | Be Reporte                  | d                                    |  |
| Reporting                       | Describe all reporting re   | equirements and provide t                               | he title and frequen                       | cy of report submitte                       | als to the ag               | ency.                                | Frequency  |
| Reporting Re                    |   |   | Title of Report                            |   |                             | Subilittat                           | N.A.   |
|                                 | None  | r any Alternate Compliar                                | nce Demonstration                          | N.A.  Methods not listed                    | d above an                  | d label as EXHIBIT                   |  |
| H.F., HEEG                      | Attach description to   | r any Alternate Compilar                                | ice Delitorioriano.                        | Duplicate this                              | form as ne                  | eded                                 | Page D05S  |

### STATE AND LOCALLY ENFORCEABLE (PENDING SIP INCORPORATION)

| acility Nan          | me                         |   | County No.           | 4000                                  | Plant No.     | 0230                   | Year Submitted<br>1997        |
|----------------------|----------------------------|---|----------------------|---------------------------------------|---------------|------------------------|-------------------------------|
| cDonnell             | Douglas Corporation        |   |                      | 4300                                  | anti          | 10 CSR 10-6.260        |                               |
| nission P            | Point No. Plant-wide       | Ellinoololl Cities  | int-wide             | Applicable Requi                      | rement.       | 10 CBR 10-0.200        |                               |
| Complia              | ance Demonstration Meth    | ods (Testing, Monitoring, F   | Recordkeeping, R     | eporting, etc.)                       | Matha         | 4                      |                               |
| Check                | the Applicable Method      | 000000000000000000000000000000000000000   |                      | Dasis of Compile                      |               |                        |                               |
| A TOTAL PARTY. TAKEN | Testing                    | ✓ Monitoring  |                      | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |               | equirements            |                               |
|                      | Recordkeeping              | Reporting   |                      |                                       | Sap Filling   |                        |                               |
| Yesting              |                            |   |                      |                                       |               |                        | l and testing                 |
| Testing              | Describe any               | tests which have been perfor  | med to quantify en   | nissions. Include the                 | date of the   | test, methods and      | procedures used, testing      |
|                      | company, ope               | rating conditions existing dur  | ing the test and su  | minary or results.                    |               | Summary of Res         |                               |
| ate                  | Test Method                | Firm  |                      | Operating Condi                       | tions         | Summary of Nes         | uita                          |
|                      |                            |   |                      |                                       |               |                        |                               |
|                      | N.A.                       |   |                      |                                       |               |                        |                               |
|                      |                            |   |                      |                                       |               |                        |                               |
| Record               | ikeeping                   | rs for which records are being  | n maintained, the f  | requency of such re                   | cords (hour   | ly, daily, etc.) And t | ne length of time records are |
|                      | List paramete              | the date of entry. For each re  | ecorded parameter    | include the method                    | of measure    | ment.                  |                               |
|                      | (data) Being Recorded      | Measurement I   | Method               |                                       | Frequen       | су                     | Record Retention              |
| arameter             | (uata) being recorded      | A service and a |                      |                                       |               |                        |                               |
|                      | see Attachment B           |   | see Attachment       | t B                                   |               |                        | 1                             |
|                      |                            |   |                      |                                       |               |                        |                               |
| Monito               | oring                      | •   |                      | II I de belee mor                     | sitarad cam   | pling frequency and    | duration, and data            |
|                      |                            | emission monitoring used, lo  | cation of monitor,   | pollutants being moi                  | illored, sair | ping requerity and     |                               |
|                      | reporting met              | hod. Location Desc  | rintion              |                                       |               | Po                     | llutant(s) Being Monitored    |
| onitoring            | g Device Type              | Location Boos   |                      |                                       |               | 1                      |                               |
|                      | see Attachment B           |   |                      |                                       |               |                        |                               |
|                      |                            | Duration of Sa  | mpling               | How Data Will B                       | e Reported    |                        |                               |
|                      | Frequency                  | 1   |                      |                                       |               |                        |                               |
| Report               | ting Describe all r        | reporting requirements and pr   | rovide the title and | frequency of report                   | submittals t  | o the agency.          |                               |
|                      |                            | eporting requirements and pr  | Title of Report      |                                       |               | Submittal              | Frequency                     |
| Reporting            | Requirement                | he made available to  |                      | N.A.                                  |               |                        | N.A.                          |
|                      | e reporting. Records shall |   |                      |                                       |               |                        |                               |
| he agency            | y upon request.            | or any Alternate Compliance   | n Domonstration      | Methods not lister                    | above and     | label as EXHIBIT       | FORM OP - D05                 |
|                      | All-th decomination f      | or any Alternate Compliand  | e Demonstration      | INCUIDED HOL HOLDE                    |               | 15.50 SAM              |                               |

#### ATTACHMENT B

## Form OP-D05 Compliance Determination Methods

10 CSR 10-6.260 Restrictions of Emission of Sulfur Compounds

(and 10 CSR 10-5.110 Restrictions of Emission of Sulfur Dioxide, 10 CSR 10-5.150 Emission of Certain Sulfur Compounds Restricted)

## Compliance with Section (3):

There are numerous sources at McDonnell Douglas that are affected by Sections (3), (4), and (5) of the rule. Section (3) restricts the sulfur dioxide, sulfur trioxide, and sulfuric acid emissions into the atmosphere over a consecutive three hour period from "new" and "existing" sources. (Section (3) does not cover indirect heating, lead smelter, or refining sources.) New sources are restricted to a sulfur dioxide emission limit of 500 ppm, and a sulfuric acid and/or sulfur trioxide emission limit of 35 mg/m³. Existing sources are restricted to a sulfur dioxide emission limit of 2,000 ppm, and a sulfuric acid and/or sulfur trioxide emission limit of 70 mg/m³.

Sources of sulfur dioxide and sulfuric acid at McDonnell Douglas include process tanks (i.e., plating, etching etc.), sulfuric acid storage tanks, and other small miscellaneous processes. Although some process tanks have reportable emissions included on the annual emission inventory report, many of the other sources have negligible emissions. Since the sulfur compound emissions from these processes are extremely low, the emission limits of Section (3) are not being violated by any of the new or existing sources at McDonnell Douglas. To demonstrate this, McDonnell Douglas chose the process tank (emission unit no. PT-220-01A) with the highest annual sulfuric acid emissions and determined the sulfuric acid concentration in the existing stack gases. The emission rate from this tank was 28 mg/m³, below the 35 mg/m³ limit in the regulation.

#### ATTACHMENT B

## Form OP-D05 Compliance Determination Methods

10 CSR 10-6.260 Restrictions of Emission of Sulfur Compounds

(and 10 CSR 10-5.110 Restrictions of Emission of Sulfur Dioxide 10 CSR 10-5.150 Emission of Certain Sulfur Compounds Restricted)

## Compliance with Section (4):

Section (4) requires that sources of sulfur compounds meet the National Ambient Air Quality Standards established in 10 CSR 10-6.010. Unless a facility is applying for a special type of permit (i.e., PSD, etc.), any monitoring or modeling required to demonstrate compliance with this Section is normally performed by the regulatory agency using the information provided by the facility. McDonnell Douglas has applied for numerous permits, one of which was a PSD permit for its three coal fired boilers. Sulfur dioxide emissions were modeled and results showed the boilers to be in compliance with the NAAQS.

## Compliance with Section (5) (C) 2.:

Section (5) regulates indirect heating sources and prohibits the burning of coal or fuel oil with a sulfur content greater than 2 % sulfur content during the months of October through March. The other months of the year, a facility is allowed to burn coal and fuel oil that contains 4% sulfur or less. (A facility is not subject to these requirements if it can demonstrate that its sulfur dioxide emissions do not exceed 2.3 lb/MMBtu of heat input.)

McDonnell Douglas is in compliance with this section of the rule for coal, fuel oil, and natural gas combustion. By a condition in its existing PSD permit, McDonnell Douglas is limited to burning coal with a sulfur content of 1% or less. As such, McDonnell Douglas purchases and burns only low sulfur coal. As part of this PSD permit, McDonnell Douglas has performed stack

#### ATTACHMENT B

Form OP-D05 Compliance Determination Methods

10 CSR 10-6.260 Restrictions of Emission of Sulfur Compounds

(and 10 CSR 10-5.110 Restrictions of Emission of Sulfur Dioxide 10 CSR 10-5.150 Emission of Certain Sulfur Compounds Restricted)

testing to demonstrate that the sulfur dioxide emissions were within the limits of their permit. These results indicated that the sulfur dioxide emissions were approximately two-thirds of the 2.3 lb/MMBtu/hr limit.

Fuel oil is primarily used as a back-up fuel for several of the larger boilers. McDonnell Douglas has and will continue to purchase low sulfur fuel oil to meet the limits of this rule.

McDonnell Douglas is exempt from the requirements of Section (5) for its natural gas and propane fired sources since the sulfur dioxide emissions from these fuels are significantly less than 2.3 lb/MMBtu (i.e., 0.0006 lb/MMBtu and 0.011 lb/MMBtu, respectively (per AP-42)).

| ORM OP - D05 COMPLIA  | ANCE DETERMINATION   | METHODS                         | L  | OCALLY ENFO       | ORCEABLE O                     |                                 | Section   |
|---|--|---------------------------------|--|-------------------|--------------------------------|---------------------------------|-----------|
| acility Name<br>AcDonnell Douglas Corporation                             |  | County No.                      | 4300   | Plant No.         |                                | Year Submitted<br>1997          |           |
| mission Point No. Plant-wide  | Emission Unit No. Pla  | nt-wide                         | Applicable Requi                             |                   | Louis County<br>apter 612-Sect |                                 |           |
| Compliance Demonstration Met  | hods a esting Monitoring S   | ecordkeeping, l                 | Reporting, etc.)                             |                   |                                |                                 |           |
| Check the Applicable Method   |  |                                 | Basis of Compil                              |                   |                                |                                 |           |
| Testing   | Monitoring   |                                 |  | opplicable Requir | ements                         |                                 |           |
| Recordkeeping   | ✓ Reporting  |                                 |  | Sap Filling       |                                |                                 |           |
| Testing  Describe any company, op   | r tests which have been perforn<br>erating conditions existing durin | ned to quantify er              | Immary of results.                           |                   |                                |                                 | testing   |
| Date Test Method  | Firm   |                                 | Operating Condi                              | tions Su          | mmary of Res                   | ults                            |           |
| N.A.  |  |                                 |  |                   |                                |                                 |           |
| Recordkeeping  List parameter  retained from                              | ers for which records are being<br>n the date of entry. For each rec | maintained, the corded paramete | frequency of such re<br>r include the method | Of measuremen     | ily, etc.) And th              | ne length of time re            |           |
| arameter (data) Being Recorded  | Measurement M  | ethod                           |  | Frequency         |                                | Record Retent                   | OII       |
| N.A.  |  |                                 |  |                   |                                |                                 |           |
| Monitoring  Describe any  | y emission monitoring used, loc                                      | ation of monitor,               | pollutants being mor                         | nitored, sampling |                                |                                 |           |
| reporting me<br>Monitoring Device Type                                    | Location Descri  | ption                           |  | 1-                | Po                             | llutant(s) Being N              | ionitored |
| N.A.  |  |                                 |  |                   |                                |                                 |           |
| Sampling Frequency  | Duration of San  | npling                          | How Data Will B                              | e Reported        |                                |                                 |           |
| Reporting   |  |                                 |  |                   |                                |                                 |           |
| Describe all  | reporting requirements and pro                                       | ovide the title and             | frequency of report                          | submittals to the | agency.  Submittal             | Eroguency                       |           |
| Reporting Requirement   |  | Title of Report                 |  |                   |                                | rrequency<br>24 hours after occ | urrence   |
| 1) emission exceedances due to und  | avoidable upset in or  |                                 | -  |                   |                                | rs prior to shutdon             |           |
| breakdown of equipment conditions   | S  |                                 |  |                   |                                |                                 |           |
| 2) intent of shutdown for scheduled<br>emission exceedances are expected, | 1  |                                 |  |                   |                                |                                 |           |
| Attach description  | for any Alternate Compliance   | Demonstration                   | Methods not listed                           | above and lab     | el as EXHIBIT                  | FORM OP - D05                   | D.0.**    |
| 10 780-1519 (REV. April 11, 1996)   |  |                                 | Duplicate this                               | hobood on muci    |                                | P                               | age D05   |

| RM OP - NOS COMPLIA   | ANCE DETERMINATION  | METHODS                   | LUCA                                 | Plant No.  | Year Submitted  |
|---|---|---------------------------|--------------------------------------|--|---|
| cility Name   |   | County No.                | 4300                                 | 0230   | 1997  |
| Donnell Douglas Corporation<br>hission Point No. Plant-wide   | Emission Unit No.   | Plant-wide                | Applicable Req                       | uirement: St. Louis Section 6  | County-APC Code, Chapter 612-<br>12.340   |
| Compliance Demonstration Metal Check the Applicable Method Testing Recordkeeping  Testing  Describe any   | Monitoring Reporting                                      | med to quantify           | emissions. Include                   | pliance Method Applicable Requirement Gap Filling the date of the test, meth | ods and procedures used, testing  |
| te Test Method  N.A.  | erating conditions existing dur                           | ing the test and          | Operating Con                        |  | y of Results  |
| arameter (data) Being Recorded  | the date of entry. For each re  Measurement N             | lethod                    |                                      | Frequency  | Record Retention  |
| N.A.  |   |                           |                                      |  |   |
|   | r emission monitoring used, lothod.                       |                           | or, pollutants being r               | nonitored, sampling frequ  | ency and duration, and data    Pollutant(s) Being Monitored                           |
| Monitoring  Describe any reporting me onitoring Device Type   | r emission monitoring used, lot<br>thod.  Location Descri |                           |                                      |  | ency and duration, and data    Pollutant(s) Being Monitored   air pollution nuisances |
| Monitoring  Describe any  | thod.   | iption                    | or, pollutants being r               |  | Pollutant(s) Being Monitored  |
| Monitoring  Describe any reporting me conitoring Device Type  Agency inspection records campling Frequency  | Location Description Duration of San                      | mpling                    | How Data Will                        | Be Reported ort submittals to the agen                                       | Pollutant(s) Being Monitored  air pollution nuisances  cy.                            |
| Monitoring  Describe any reporting me onitoring Device Type  Agency inspection records ampling Frequency  | Location Desci  | ription                   | How Data Will                        | Be Reported ort submittals to the agen                                       | Pollutant(s) Being Monitored  air pollution nuisances  cy.  ubmittal Frequency        |
| Monitoring  Describe any reporting me onitoring Device Type  Agency inspection records ampling Frequency  Reporting  Describe all teporting Requirement | Location Description Duration of San                      | mpling rovide the title a | How Data Will  nd frequency of rep t | Be Reported  ort submittals to the agen                                      | Pollutant(s) Being Monitored  air pollution nuisances  cy.  ubmittal Frequency  N.A.  |

| FORM OP - D05 COMPLIANCE  | DETERMINATION  | METHODS                                 | L  | OCALLY E                      | NFORCEABLE O                            | NLY Section                  |
|---|--|---|--|-------------------------------|---|------------------------------|
| Facility Name<br>McDonnell Douglas Corporation                            |  | County No.                              | 4300                                       | Plant No.                     | 0230                                    | Year Submitted<br>1997       |
| (attached)  | (0   | ee Table D05-6<br>attached)             | Applicable Requi                           |                               | St. Louis County -<br>Chapter 612-Secti |                              |
| 5. Compliance Demonstration Methods (<br>Check the Applicable Method      | Testing, Monitoring, F                               | tecordkeeping, F                        | Basis of Complia                           | ance Method                   |   |                              |
| Testing Recordkeeping   | ✓ Monitoring Reporting                               |   |  | pplicable Red<br>Sap Filling  | quirements                              |                              |
| Testing  Describe any tests w  company, operating                         | hich have been perforn                               | ned to quantify en                      | immary of results.                         |                               |   | procedures used, testing     |
| Date Test Method N.A.   | Firm   |   | Operating Condit                           | tions                         | Summary of Resu                         | ults                         |
| Recordkeeping  List parameters for work retained from the data            | which records are being<br>te of entry. For each rec | maintained, the f                       | requency of such red<br>include the method | cords (hourly,<br>of measurem | , daily, etc.) And the<br>nent.         | e length of time records are |
| Parameter (data) Being Recorded   | Measurement M  |   |  | Frequency                     |   | Record Retention             |
| operating permit  |  | evised, or new pe<br>r placed at or nea | rmit will be visibly ar the source.        | for the li                    | ife of the source                       | for the life of the source   |
| Monitoring  Describe any emissi method.                                   | on monitoring used, loc                              | ation of monitor, p                     | pollutants being mon                       | itored, sampl                 |   | duration, and data reporting |
| Monitoring Device Type  record keeping as identified in the above section | Location Descri                                      | ption                                   |  |                               | Poli                                    | utant(s) Being Monitored     |
| Sampling Frequency  | Duration of San                                      | npling                                  | How Data Will Be                           | Reported                      |   |                              |
| Reporting  Describe all reporting   | g requirements and pro                               | vide the title and                      | frequency of report s                      | ubmittals to t                | he agency.                              |                              |
| Reporting Requirement   |  | Titie of Report                         |  |                               | Submittal F                             | requency                     |
| None  |  |   | N.A.                                       |                               |   | N.A                          |
| Attach description for any  | Alternate Compliance                                 | Demonstration                           |  |                               |   |                              |
| MO 780-1519 (REV. April 11, 1996)   |  |   | Duplicate this fo                          | rm as neede                   | ed                                      | Page D05S-                   |

| EIQ Emission | Emission                                      | - F                     |  |  |
|--------------|---|-------------------------|--|--|
| Point No.    | Unit No.                                      | Operating Permit Number |  |  |
|              | (Activity Abbreviation/Building No./Unit No.) |                         |  |  |
| AS-STL-01    | SB-102-02                                     | 5140                    |  |  |
| BF-STL-01    | MS-101-08                                     | 3208                    |  |  |
| BF-STL-01    | SB-120-01                                     | 5619                    |  |  |
| CC-101-01    | CC-101-16                                     | 3595                    |  |  |
| CC-101-02    | DT-101-07                                     | 5439                    |  |  |
| CC-101-02    | DT-101-08                                     | 5439                    |  |  |
| CC-STL-01    | CC-221-01                                     | 6114                    |  |  |
| CC-STL-01    | CC-101-14                                     | 5700                    |  |  |
| CC-STL-01    | CC-101-15                                     | Pending                 |  |  |
| CC-STL-01    | CC-102-01                                     | 4374                    |  |  |
| CC-STL-01    | CC-105-01                                     | Pending                 |  |  |
| CL-002-01    | SB-002-01                                     | 5771                    |  |  |
| CL-002-02    | SB-002-06                                     | 3553                    |  |  |
| CL-022-01    | SB-022-01                                     | 3488                    |  |  |
| CL-027-01    | SB-027-01                                     | 3222                    |  |  |
| CL-027-01    | SB-027-02                                     | 3223                    |  |  |
| CL-027-01    | SB-027-03                                     | 3224                    |  |  |
| CL-027-01    | SB-027-04                                     | 3225                    |  |  |
| CL-027-01    | SB-027-05                                     | 3216                    |  |  |
| CL-029-01    | CL-029-01                                     | Pending                 |  |  |
| CL-029-02    | SB-029A-01                                    | 5739                    |  |  |
| CL-048-01    | MB-048-01                                     | 5489                    |  |  |
| CL-048-01    | SB-048-01                                     | 3221                    |  |  |
| CL-048-01    | SB-048-02                                     | 3275                    |  |  |
| CL-048-01    | SB-048-03                                     | 3276                    |  |  |
| CL-048-01    | SB-048-04                                     | 3277                    |  |  |
| CL-048-01    | SB-048-05                                     | 3278                    |  |  |
| CL-048-01    | SB-048-06                                     | 3279                    |  |  |
| CL-048-01    | SB-048-07                                     | 3280                    |  |  |
| CL-048-01    | SB-048-08                                     | 3281                    |  |  |
| CL-048-01    | VS-048-01                                     | 5489                    |  |  |
| CL-060-01    | SB-060-01                                     | 5735                    |  |  |
| CL-063-01    | MB-063-01                                     | 5487                    |  |  |
| CL-063-01    | SB-063-01                                     | 5486                    |  |  |
| CL-066-01    | SB-066-01                                     | 5368                    |  |  |
| CL-066-01    | SB-066-02                                     | 5331                    |  |  |
| CL-101-01    | SB-101-25                                     | 3208                    |  |  |
| CL-101-01    | SB-101-26                                     | 3208                    |  |  |

| EIQ Emission | Emission                                      | 1 2 0 1                 |
|--------------|---|-------------------------|
| Point No.    | Unit No.                                      | Operating Permit Number |
|              | (Activity Abbreviation/Building No./Unit No.) |                         |
| CL-101-01    | SB-101-27                                     | 3208                    |
| CL-101-01    | SB-101-29                                     | 5614                    |
| CL-101-01    | SB-101-30                                     | 3208                    |
| CL-101-01    | SB-101-39                                     | 3554                    |
| -CL-101-02   | SB-101-02                                     | 5737                    |
| CL-101-02    | SB-101-33                                     | 3219                    |
| CL-101-02    | SB-101-40                                     | 3217                    |
| CL-101-02    | SB-101-40A                                    | 3218                    |
| CL-101-03    | MB-101-01                                     | Pending                 |
| CL-101-03    | SB-101-04                                     | Pending                 |
| CL-101-03    | SB-101-06                                     | 5440                    |
| CL-101-03    | SB-101-35                                     | 5443                    |
| CL-101-03    | SB-101-41                                     | 5690                    |
| CL-101-03    | SB-101-43                                     | 5442                    |
| CL-101-03    | SB-101-45                                     | Pending                 |
| CL-102-01    | SB-102-01                                     | 5140                    |
| CL-102-01    | SB-102-03                                     | 4902                    |
| CL-220-01    | SB-220-01                                     | 4062                    |
| CL-245-01    | SB-245-01                                     | 5569                    |
| CL-245-02    | SB-245-02                                     | 5701                    |
| CL-248-01    | SB-248-01                                     | 5741                    |
| NONE         | SB-101-10                                     | 5691                    |
| CS-005-02    | CS-005-02                                     | 5367                    |
| CS-005-03    | CS-005-03                                     | 5367                    |
| CS-005-04    | CS-005-04                                     | 5367                    |
| CS-005-05    | CS-005-05                                     | 3124                    |
| CS-101-01    | CS-101-01                                     | 3078                    |
| CS-101-02    | CS-101-02                                     | 3078                    |
| CS-101-03    | CS-101-03                                     | 3077                    |
| CS-101-04    | CS-101-04                                     | 3077                    |
| CS-101-05    | CS-101-05                                     | 5229                    |
| CS-101-06    | CS-101-06                                     | 5230                    |
| CS-102-01    | CS-102-01                                     | 3005                    |
| CS-102-02    | CS-102-02                                     | 3079                    |
| CS-102-03    | CS-102-03                                     | 3079                    |
| CS-110-01    | CS-110-01                                     | 4709                    |
| CS-110-01    | CS-110-02                                     | 4709                    |
| CS-111-01    | CS-111-01                                     | 5287                    |

| EIQ Emission | Emission                                      |                         |
|--------------|---|-------------------------|
| Point No.    | Unit No.                                      | Operating Permit Number |
|              | (Activity Abbreviation/Building No./Unit No.) |                         |
| CS-111-02    | CS-111-02                                     | 5287                    |
| CS-STL-01    | CS-025-01                                     | 4373                    |
| CS-STL-01    | CS-066-01                                     | 3210                    |
| CS-STL-01    | CS-066-02                                     | 3210                    |
| CS-STL-01    | CS-066-03                                     | 3210                    |
| CS-STL-01    | CS-066-04                                     | 3210                    |
| CS-STL-01    | CS-111-03                                     | 5288                    |
| CS-STL-01    | CS-221-01                                     | 4103                    |
| CS-STL-01    | CS-221-02                                     | 4103                    |
| DB-027-01    | PI-027-01                                     | 4285                    |
| DB-027-01    | PI-027-01                                     | 4286                    |
| NONE         | GB-027-01                                     | 3126                    |
| NONE         | GB-027-02                                     | 3127                    |
| ML-051-01    | ML-051-01                                     | 5137                    |
| MO-029-01    | MO-029-01                                     | 4930                    |
| MO-029-01    | MO-029-02                                     | 5500                    |
| MP-STL-01    | SB-032-01                                     | 4520                    |
| PT-027-01    | PT-027-01                                     | 5438                    |
| PT-027-01    | PT-027-01A                                    | 5438                    |
| PT-027-02    | PT-027-02                                     | 5438                    |
| PT-027-03    | PT-027-03A                                    | 3320                    |
| PT-027-03    | PT-027-03B                                    | 3320                    |
| PT-027-04    | PT-027-04B                                    | 4234                    |
| PT-027-05    | PT-027-05A                                    | - 3596                  |
| PT-027-05    | PT-027-05B                                    | 3596                    |
| PT-027-06    | PT-027-06A                                    | 3976                    |
| PT-027-07    | PT-027-07A                                    | 3321                    |
| PT-027-08B   | PT-027-08B1                                   | 4233                    |
| PT-027-08B   | PT-027-08B2                                   | 4233                    |
| PT-027-08B   | PT-027-08B3                                   | 4233                    |
| PT-027-08B   | PT-027-08B4                                   | 4233, 4235              |
| PT-027-09A   | PT-027-09A1                                   | 4234                    |
| PT-027-09B   | PT-027-09B2                                   | 4234                    |
| PT-027-10    | PT-027-10A                                    | 4235                    |
| PT-027-10    | PT-027-10B                                    | 4235                    |
| PT-027-10    | PT-027-10C                                    | 4235                    |
| PT-027-10    | PT-027-10D                                    | 4235                    |
| PT-027-10    | PT-027-10E                                    | 4235                    |

| EIQ Emission | Emission                                      |                         |
|--------------|---|-------------------------|
| Point No.    | Unit No.                                      | Operating Permit Number |
| - 111        | (Activity Abbreviation/Building No./Unit No.) |                         |
| PT-027-12    | PT-027-12A                                    | 3555                    |
| PT-027-12    | PT-027-12B                                    | 3555                    |
| NONE         | PT-027-13                                     | 4904                    |
| NONE         | PT-027-14                                     | 4905                    |
| PT-051-02    | PT-051-02A                                    | 3578                    |
| PT-051-02    | PT-051-02B                                    | 3578                    |
| NONE         | PT-051-03                                     | 3581                    |
| NONE         | PT-051-04                                     | 3582                    |
| NONE         | PT-051-05                                     | 3583                    |
| PT-101-01    | PT-101-01                                     | 5239                    |
| PT-101-02    | PT-101-02                                     | 5240                    |
| PT-101-03    | PT-101-03A                                    | 5243                    |
| PT-101-04    | PT-101-04A                                    | 3518                    |
| PT-101-04    | PT-101-04B                                    | 3518                    |
| PT-101-04    | PT-101-04C                                    | 3518                    |
| PT-101-04    | PT-101-04D                                    | 3518                    |
| PT-101-04    | PT-101-04E                                    | 3518                    |
| PT-101-04    | PT-101-04F                                    | 3518                    |
| PT-101-04    | PT-101-04G                                    | 3518                    |
| PT-101-04    | PT-101-04H                                    | 3518                    |
| PT-101-04    | PT-101-04I                                    | 3518                    |
| PT-101-04    | PT-101-04J                                    | 3518                    |
| PT-101-04    | PT-101-04K                                    | 3518                    |
| PT-220-01    | PT-220-01A                                    | 4056                    |
| PT-220-01    | PT-220-01B                                    | 4060                    |
| NONE         | PT-220-02                                     | 4059                    |
| NONE         | PT-220-03                                     | 4061                    |
| NONE         | PT-029A-01                                    | Pending                 |
| ST-STL-01    | ST-022-22                                     | 10367, 21778            |
| ST-STL-01    | ST-022-25                                     | 10368, 30030            |
| ST-STL-01    | ST-041-20                                     | 10372, 21783            |
| VD-027-01    | VD-027-01                                     | 5612                    |
| VD-029-01    | VD-029-01                                     | Pending                 |
| VD-101-01    | VD-101-01                                     | 5078                    |
| VD-101-02    | VD-101D-04                                    | 6168                    |
| VD-102-01    | VD-102-01                                     | 5081                    |
| VD-220-01    | VD-220-01                                     | 5076                    |

|  | TION   | METHODS   | IOCALI   | Y ENFORCEAL                         | BLE ONLY                         | Section D   |
|--|--|---|--|-------------------------------------|----------------------------------|---|
| RM OP - D05 COMPLIA<br>cility Name<br>Donnell Douglas Corporation  | ANCE DETERMINATION   | County No.  | 4300   | Plant No.                           | 30                               | Year Submitted<br>1997  |
| ission Point No. CC-STL-01   | Emission Unit No. CC   | -221-01   | Applicable Requ                                | rement: St.<br>Secti                | . Louis County<br>ion 612.150, C | P-APC Code, Chapter 612-<br>Operating Permit #6114  |
| Compliance Demonstration Met   | hods (Testing, Monitoring,   | Recordkeeping,  | Reporting, etc.)                               |                                     |                                  |   |
| Compliance Demonstration Method  | thous (routing, the three s,   |   | Basis of Compl                                 | ance Method                         |                                  |   |
| Check the Applicable Method  | ✓ Monitoring   |   | / A  | pplicable Requir                    | rements                          |   |
| Testing  | / Reporting  |   |  | Sap Filling                         |                                  |   |
| Recordkeeping  | Keporting  |   |  | ENG-AMERICA EN EN ENCED             |                                  |   |
| Testing  |  |   | Include the date                               | of the test met                     | hods and proce                   | edures used, testing company  |
| Describe any tests w   | hich have been performed to  | quantity emission   | ns. Include the date                           | of the test, met                    | nous and prose                   |   |
| operating conditions   | existing during the test and su  | Initially results.  | Operating Cond                                 | tions   Su                          | mmary of Res                     | ults  |
| te Test Method   | Firm   |   | Operating cond                                 |                                     |                                  |   |
|  |  |   |  |                                     |                                  |   |
| N.A.   |  |   |  | name of the second second second    | over the control of the control  |   |
| from the date of entrangements (data) Being Recorded   | which records are being maintage.  y. For each recorded paramet  Measurement N   | ei iliciade ille ill  | etilou di medeurome                            | Frequency                           |                                  | Record Retention  |
|  | ded to the   | record keeping  | log  | each time so                        | lvent is added                   | 5 years   |
| unit   |  |   |  |                                     |                                  |   |
| Monitoring  Describe any emission  | on monitoring used, location of  | of monitor, pollut  |  |                                     |                                  |   |
| Monitoring  Describe any emission  |  | of monitor, pollut  |  |                                     |                                  |   |
| unit  Monitoring  Describe any emission  | on monitoring used, location of Location Descri  | of monitor, pollut  | ants being monitored                           | i, sampling frequ                   |                                  |   |
| unit  Monitoring  Describe any emissionitoring Device Type  record keeping as identified in the section  | on monitoring used, location of Location Descri  | of monitor, polluta   |  | i, sampling frequ                   |                                  |   |
| unit  Monitoring  Describe any emissionitoring Device Type  record keeping as identified in the section  Impling Frequency   | on monitoring used, location of Sa   | of monitor, polluti<br>ription<br>mpling                                | ants being monitored                           | d, sampling frequences              | uency and dura                   |   |
| unit  Monitoring  Describe any emissionitoring Device Type  record keeping as identified in the section  Impling Frequency   | on monitoring used, location of Location Describeration Describera | of monitor, pollutaription  mpling  ne title and frequ                  | ants being monitored  How Data Will I          | d, sampling frequences              | uency and dura                   | tion, and data reporting meth-<br>lutant(s) Being Monitored   |
| Monitoring  Describe any emission onitoring Device Type  record keeping as identified in the section of the sec | on monitoring used, location of Sa   | of monitor, polluti<br>ription<br>mpling                                | ants being monitored  How Data Will I          | d, sampling frequences              | uency and dura                   | tion, and data reporting meth-<br>lutant(s) Being Monitored   |
| Monitoring  Describe any emission onitoring Device Type  record keeping as identified in the section  ampling Frequency  Reporting  Describe all reporting eporting Requirement  Notification to St. Louis Courting  | nty-APC Section should   | of monitor, pollutaription  mpling  ne title and frequentitle of Report | How Data Will I                                | d, sampling frequences are Reported | ncy.                             | tion, and data reporting method interest in the state of |
| Monitoring  Describe any emission onitoring Device Type  record keeping as identified in the section of the sec | Duration of Sa  g requirements and provide the above and provide the above and provide the above are selected as a | of monitor, pollutaription  mpling  ne title and frequentitle of Report | How Data Will to ency of report submonths N.A. | d, sampling frequences are Reported | ncy. Submittal I                 | tion, and data reporting meth liutant(s) Being Monitored  Frequency  N.A.   |

| ORM OP - D              |   | E DETERMINATION  | METHODS   | LOCALL                | Y ENFORCEAE       | BLE ONLY   | Section D   |
|-------------------------|---|--|---|-----------------------|-------------------|--|---|
| Facility Name           |   |  | County No.  | 4300                  | Plant No.<br>023  | 30   | Year Submitted<br>1997  |
|                         | nt No. CL-002-01  | imission Unit No. SB-  | 002-01  | Applicable Requi      |                   |  | O-APC Code, Chapter 612-<br>Operating Permit #5771  |
| 5. Compliano            | ce Demonstration Method                                 | (Testing, Monitoring,  | Recordkeeping,  | Reporting, etc.)      |                   | 40.00  |   |
|                         | e Applicable Method                                     | A SERVICE OF THE SERV | THE POPULATION OF THE PARTY OF | Basis of Compli       | ance Method       |  |   |
|                         | Testing   | ✓ Monitoring   |   |                       | pplicable Requir  | ements   |   |
| 1                       | Recordkeeping   | Reporting  |   | G                     | Sap Filling       |  |   |
| Testing                 | 生1/2 自己世界 <b>建</b> 工程 2000 1                            |  |   |                       | ut in the second  | A STATE OF THE STA |   |
|                         | Describe any tests which operating conditions exist     | have been performed to one of the contract to contract the test and su   | quantify emissior<br>mmary results.   |                       |                   |  | edures used, testing company,   |
| Date                    | Test Method .   | Firm   |   | Operating Condi       | tions Sur         | nmary of Res   | ults  |
|                         | N.A.  |  |   |                       |                   |  |   |
| Recordke                | eping   |  |   |                       | (houshy daily of  | o \ And the len  | oth of time records are retained  |
| DOLLO PRINCIPE DESTRUCT | List parameters for which from the date of entry. For   | records are being mainta   | ined, the freque  | ethod of measureme    | nt.               | c.) And the len  | gth of time records are retained  |
|                         |   | Measurement M  |   | 004                   | Frequency         |  | Record Retention  |
| Parameter (da           | ata) Being Recorded                                     | Measurement  |   |                       |                   |  |   |
| type a                  | nd gallons of coating used                              |  | record keeping  | log                   | da                | ily  | 5 years   |
| Monitorin               | g   |  | ftar polluto  | anto boing monitored  | sampling freque   | ency and durat   | tion, and data reporting method   |
|                         |   | Donitoring used, location of Location Descri   | monitor, poliuta  | ants being monitored  | , sampling nequ   | Poll   | utant(s) Being Monitored  |
| Monitoring D            | revice type<br>rping as identified in the al<br>section |  |   |                       |                   |  |   |
| Sampling Fre            | equency   | Duration of San  | npling  | How Data Will B       | e Reported        |  | *   |
| Reporting               |   |  |   |                       |                   |  |   |
| rehorning               | Describe all reporting req                              | uirements and provide the  | e title and freque  | ency of report submit | tals to the agend | cy.  | AND THE PROPERTY OF AN ADDRESS OF THE PARTY |
| Reporting Re            |   |  | Title of Report   |                       |                   | Submittal F  | requency  |
|                         | hmit report on gallons of c                             | oatings used.  |   | -                     |                   |  | quarterly   |
|                         | Attach description for an                               | y Alternate Compliance   | Demonstration   | Methods not listed    | d above and lab   | el as EXHIBIT  | FORM OP - D05   |
|                         |   |  |   | Duplicate this f      |                   |  | Page D05S-19  |
| NO 780-1519             | (REV. April 11, 1996)                                   |  |   | mapsars and           | course CASSA      |  |   |

| FORM OP - D05 CO   | OMPLIANCE DE                                  | I ERMINATION                             | METHOD2                        | L   | OCALLY EN                      | FURCEABLE (                             | ONLY Section D   |
|--|---|--|--------------------------------|---|--------------------------------|---|--|
| Facility Name<br>McDonnell Douglas Corpora                     | ation   |  | County No.                     | 4300  | Plant No.                      | 0230                                    | Year Submitted<br>1997                                 |
| Emission Point No. CL-029                                      |   | on Unit No. SB-                          | 029A-01                        | Applicable Requi                              |                                |   | ty-APC Code, Chapter 612-<br>0, Operating Permit #5739 |
| 5. Compliance Demonstra  | iona Mother States                            | new Monitorius &                         | ecorolkeeping                  | Reporting, etc.)                              |                                |   |  |
| Check the Applicable Me  |   |  |                                | Basis of Compli                               | ance Method                    | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |  |
| Testing  |   | ✓ Monitoring                             |                                | / A   | pplicable Req                  | uirements                               |  |
| ✓ Recordkeep   | ing   | ✓ Reporting                              |                                |   | Sap Filling                    |   |  |
| Testing  Description   | cribe any tests which<br>pany, operating cond | have been perform                        | ned to quantify e              | missions. Include the ummary results.         | e date of the te               | est, methods and                        | I procedures used, testing                             |
| Date Test Metho  |   | Firm                                     |                                | Operating Condi                               | tions                          | Summary of Res                          | sults  |
|  | N.A.  |  |                                |   |                                |   |  |
| Recordkeeping  |   |  |                                |   |                                |   |  |
| l ist r  | parameters for which<br>ned from the date of  | records are being<br>entry. For each rec | maintained, the orded paramete | frequency of such red<br>r include the method | cords (hourly,<br>of measureme | daily, etc.) And t<br>ent.              | he length of time records are                          |
| Parameter (data) Being Rec                                     | orded   | Measurement Me                           | ethod                          |   | Frequency                      |   | Record Retention                                       |
| as required by Section (6) o                                   | of 10 CSR 10-5.330                            | as required b                            | y Section (6) of               | 10 CSR 10-5.330                               | - E                            | daily                                   | 5 years  |
| Monitoring Description   | *   | nonitoring used, loca                    | ation of monitor,              | pollutants being mon                          | itored, samplii                |   | d duration, and data reporting                         |
| Monitoring Device Type<br>record keeping as identij<br>section | fied in the above                             | Location Descri                          | ption                          |   |                                | Po                                      | llutant(s) Being Monitored                             |
| Sampling Frequency   |   | Duration of Sam                          | pling                          | How Data Will Be                              | Reported                       |   |  |
| Reporting  |   |  |                                |   |                                |   |  |
|  | cribe all reporting rec                       | uirements and prov                       | vide the title and             | frequency of report s                         | submittals to the              | ne agency.    Submittal                 | Fraguency  |
| Reporting Requirement  |   |  | Title of Report                |   |                                | Subillittal                             | Frequency  |
|  | r by the next workin                          | ig day.                                  |                                |   |                                |   | as violations occur                                    |
| Attach description for any                                     | Alternate Complian                            | ce Demonstration                         | Methods not l                  | isted above and lab                           | el as EXHIBIT                  | FORM OP - D0                            | 5  |
| MO 780-1519 (REV. April 11                                     |   |  |                                | Duplicate this fo                             |                                |   | Page D05S-20   |

| NDSS OD IN                              | COMPLIANO                  | E DETERMIN        | ATION METHODS   | LOCALL                                     | Y ENFORCEAB                            | LE ONLY                       | Section D   |
|---|----------------------------|-------------------|---|--|--|-------------------------------|---|
| ORM OP - טט<br>acility Name             |                            | <u> </u>          | County No.  | 4300                                       | Plant No.                              | 0                             | Year Submitted<br>1997                                  |
| IcDonnell Doug<br>mission Point N       |                            | Emission Unit No  | o. SB-066-01  | Applicable Requi                           | rement: St. Section 61                 | Louis County<br>2.150, Operat | -APC Code, Chapter 612-<br>ing Permit #5368             |
|   | V 2021/2000 V              | /Testing Manik    | oring Pecordkeening                                     | Reporting etc.)                            |  | •                             |   |
|   | Demonstration Methods      | (resung, wome     | ottiig, itaderakaapirigi                                | Basis of Complia                           | ance Method                            |                               |   |
|   | oplicable Method           | , Mar             | itaring   |  | pplicable Require                      | ements                        |   |
|   | resting                    |                   | nitoring  |  | Sap Filling                            |                               |   |
|   | Recordkeeping              | Кер               | orting  |  |  |                               |   |
| Testing                                 |                            |                   |   | i i i a la chido tho                       | data of the test                       | methods and                   | procedures used testing                                 |
| 000000000000000000000000000000000000000 | Describe any tests         | which have beer   | n performed to quantity e<br>ting during the test and s | emissions, include the<br>summary results. | date of the test,                      | metrious and                  | procedureş used, testing                                |
|   |                            | Firm              | ing during the test and t                               | Operating Condit                           | tions Sun                              | nmary of Res                  | ults  |
| Date                                    | Test Method                | Fillin            |   | oportung samm                              |  |                               |   |
|   | N.A.                       |                   |   |  | į.                                     |                               |   |
|   |                            |                   |   |  |  |                               |   |
| Recordkeepi                             | List parameters fo         | r which records a | re being maintained, the each recorded paramete         | frequency of such red                      | cords (hourly, dail<br>of measurement. | ly, etc.) And th              | e length of time records are                            |
| - (1-4-)                                |                            |                   | ment Method   |  | Frequency                              |                               | Record Retention  |
| Parameter (data)                        | Being Recorded             | Measure           | inone mounds  |  |  |                               |   |
| hours of operation                      | on (or amount of VOC/H     | IAP as   Calcula  | ate maximum hours of c                                  | operation using daily                      | ann                                    | ual                           | 5 years   |
| annroved by Si                          | Louis County Air Polli     | ition paint vo    | lume logs (or alternate                                 | method as approved                         |  |                               |   |
| upproven by a                           | Control)                   | by S              | St. Louis County Air Po                                 | ollution Control).                         |  |                               |   |
| Monitoring                              |                            |                   |   |  |  |                               | Live time and data constitut                            |
|   | Describe any emi           |                   |   | , pollutants being mon                     | itored, sampling                       | requency and                  | duration, and data reporting llutant(s) Being Monitored |
| Monitoring Devi                         | се Туре                    |                   | n Description   |  |  | Poi                           | lutant(s) being Montored                                |
| record keepii                           | ng as identified in the ab | ove               |   |  |  |                               |   |
|   | section                    | D. Alian          | of Compling   | How Data Will Be                           | Reported                               |                               |   |
| Sampling Frequ                          | ency                       | Duration          | n of Sampling   | Tiow Bata will be                          | o reported                             |                               |   |
| Reporting                               |                            |                   |   | Table 1995                                 |  | •                             |   |
|   | Describe all repor         | ting requirements | and provide the title an                                | d frequency of report s                    | submittals to the a                    | agency.                       | iroguanav   |
| Reporting Requ                          |                            | 10 10 1-4         | Title of Report   |  |  | Submittal F                   | requency  |
|   | None                       |                   |   | N.A.                                       |  |                               | N.A.  |
| Attach descript                         | on for any Alternate Co    | mpliance Demo     | nstration Methods not                                   | listed above and lab                       | el as EXHIBIT FO                       | ORM OP - DOS                  |   |
|   | V. April 11, 1996)         |                   |   | Duplicate this fo                          | orm as needed                          |                               | Page D05S-21  |

|   | 05 COMPLIANCE D  | ETERMINATION          | METHODS             | LOCALL  | Y ENFORCEABLE ON                                | Ly Section   |
|---|--|-----------------------|---------------------|---|---|--|
| acility Name                            |  | LILIMINATION          | County No.          | 4300  | Plant No.<br>0230                               | Year Submitted<br>1997   |
|   | uglas Corporation<br>t No. <i>CL-066-01</i> Emis                       | sion Unit No. SB-     | -066-02             | Applicable Requir   | rement: St. Louis C<br>Section 612.150, O       | County-APC Code, Chapter 612-<br>perating Permit #5331           |
| O-amiliano                              | e Demonstration Methods (Te  | sting, Monitoring, F  | Recordkeeping,      | Reporting, etc.)  |   |  |
|   | Applicable Method  |                       |                     | Basis of Complia  | ince Method                                     |  |
| Check the                               |  | ✓ Monitoring          |                     | ✓ A   | pplicable Requirements                          |  |
| /                                       | Testing<br>Recordkeeping   | Reporting             |                     | G   | ap Filling                                      |  |
| Testing                                 |  |                       |                     | in in a landude the   | data of the test, methods                       | s and procedures used, testing                                   |
| 200000000000000000000000000000000000000 | Describe any tests whi   | ch have been perforr  | med to quantify e   | missions. Include the   | date of the test, memodi                        | s and procedures used, testing                                   |
|   | company, operating co  |                       | ing the test and s  | Operating Condit  | ions Summary o                                  | f Results  |
| ite                                     | Test Method  | Firm                  |                     | Operating Contain   |   |  |
|   | N.A.   |                       |                     |   |   |  |
|   |  |                       |                     |   |   | 100  |
| Recordke                                | Exping  List parameters for whe retained from the date                 | ich records are being | maintained, the     | frequency of such rec   | cords (hourly, daily, etc.) and of measurement. | And the length of time records are                               |
|   |  | Measurement N         | Method              | ST INCIDED THE INCIDEN  | Frequency                                       | Record Retention   |
| rameter (da                             | ata) Being Recorded  | Weasurement           | netiloa             |   |   |  |
| ours of oper<br>approved b              | ation (or amount of VOC/HAP  y St. Louis County Air Pollution Control) | paint volume le       | ogs (or alternate   | pperation using daily<br>method as approved<br>Illution Control). | annual  | 5 years  |
| Monitorin                               |  |                       |                     |   |   |  |
| Montorn                                 | Describe any emission method.  | n monitoring used, lo | cation of monitor   | , pollutants being mon  | itored, sampling frequenc                       | cy and duration, and data reporting Pollutant(s) Being Monitored |
| lonitoring D<br>record ke               |  | Location Descr        | ription             |   |   | r ollutant(3) being monitored                                    |
| ampling Fre                             |  | Duration of Sa        | mpling              | How Data Will Bo  | e Reported                                      |  |
| Reportin                                |  |                       |                     |   | l Malakatha assassi                             |  |
|   | Describe all reporting   | requirements and pr   | ovide the title and | d frequency of report   | submittals to the agency.                       | nittal Frequency   |
| eporting Re                             |  |                       | Title of Report     |   | Subii   |  |
|   |  |                       |                     | N.A.  |   | N.A.   |
|   | Attach description for any A   | Iternate Complianc    | e Demonstratio      | n Methods not listed  | above and label as EXI                          | HIBIT FORM OP - D05  |
| - F00 4540                              | (REV. April 11, 1996)  |                       |                     | Duplicate this f  | orm as needed                                   | Page D05S  |

| NOW OD                       | .r COMPLIA   | NCE DETERMI         | NATION METHODS   | LOCALL                 | Y ENFORCE         | ABLE ONLY                        | Section D  |
|------------------------------|--|---------------------|--|------------------------|-------------------|----------------------------------|--|
| acility Name                 |  | NOL DETERMIN        | County No.   | 4300                   | Plant No.         | 230                              | Year Submitted<br>1997                                   |
|                              | uglas Corporation<br>at No. CL-101-02                        | Emission Unit       | No. SB-101-02  | Applicable Requi       | irement:          | St. Louis Cour<br>Section 612.15 | nty-APC Code, Chapter 612-<br>60, Operating Permit #5737 |
| a 1:                         | - Demanstration Moth   | ods /Testing Mor    | nitoring, Recordkeeping,   | Reporting, etc.)       |                   |                                  |  |
|                              | e Applicable Method  | des (results) in    |  | Basis of Compli        | ance Method       |                                  |  |
| Check the                    |  | ./ N                | lonitoring   | / A                    | pplicable Requ    | uirements                        |  |
| -                            | Testing Recordkeeping  |                     | eporting   |                        | Sap Filling       |                                  |  |
| Testing                      |  | 50.00               |  |                        |                   |                                  | d accordures used testing                                |
| •                            | Describe any t   | ests which have be  | een performed to quantify e  | missions. Include the  | e date of the tes | st, methods an                   | d procedures used, testing                               |
|                              | company, oper  |                     | kisting during the test and s  | Operating Condi        | tions S           | ummary of Re                     | esults   |
| )ate                         | Test Method  | Firm                |  | Operating Condi        | lions             | uninuty of the                   |  |
|                              | N.A.   |                     |  |                        |                   |                                  |  |
| Recordke                     | eping  |                     |  |                        | de /kesselsses    | doily otal And                   | the length of time records are                           |
|                              | 1:-1   | s for which records | are being maintained, the  | frequency of such re-  | of measureme      | nt etc.) And                     | the length of time records are                           |
|                              |  | he date of entry. F | or each recorded paramete  | er include the method  | Frequency         |                                  | Record Retention   |
| <sup>2</sup> arameter (da    | ita) Being Recorded  | Measu               | rement Method  |                        | Frequency         |                                  |  |
| hours of oper<br>approved by | ation (or amount of VO<br>St. Louis County Air F<br>Control) | ollution paint      | ulate maximum hours of o<br>volume logs (or alternate<br>y St. Louis County Air Po | method as approved     | 0                 | nnual                            | 5 years  |
| Monitorin                    | g  |                     |  |                        | itered complin    | a frequency a                    | nd duration, and data reporting                          |
|                              | Describe any   | emission monitorin  | g used, location of monitor,   | , pollutants being mor | ntored, samplin   | ig irequericy ar                 | nd duration, and data reporting                          |
|                              | method.  | Locat               | ion Description  |                        |                   | P                                | ollutant(s) Being Monitored                              |
| Monitoring Do<br>record kee  | evice Type eping as identified in the section                |                     |  |                        |                   |                                  |  |
| Sampling Fre                 |  | Durat               | ion of Sampling  | How Data Will B        | e Reported        |                                  |  |
| Reporting                    | 1  |                     |  |                        |                   |                                  |  |
|                              | Describe all re  | porting requireme   | nts and provide the title and  | frequency of report    | submittals to th  | e agency.                        | l Frequency  |
| Reporting Re                 | equirement None  |                     | Title of Report  | N.A.                   |                   | Oubillitta                       | N.A.   |
|                              | Attach description fo  | r any Alternate C   | ompliance Demonstration  | n Methods not listed   | l above and la    | bel as EXHIBI                    | T FORM OP - D05  |
| 10 790 4E40                  | (REV. April 11, 1996)  |                     |  | Duplicate this f       | orm as neede      | d                                | Page D05S-23   |
| 10 /80-1519                  | (KLV. April 11, 1990)  |                     |  |                        |                   |                                  |  |

| FORM OP - DO          | 5 COMPLIAN  | CE DETERMINATION  | N METHODS                                   | L  | OCALLY E                     | NFORCEABLE        | EONLY                                  | Section D     |
|-----------------------|---|---|---|--|------------------------------|-------------------|--|---------------|
| Facility Name         | glas Corporation  |   | County No.                                  | 4300   | Plant No.                    | 0230              |  | 997           |
|                       | No. CL-248-01   |   | 3-248-01                                    | Applicable Requi                                     | irement:                     |                   | inty-APC Code, Cl<br>50, Operating Per | -             |
|                       | Demonstration Methor<br>Applicable Method                       | ds (Testing, Monitoring, I                              | RecordReeping R                             | eporting, etc.) Basis of Complia                     | ance Method                  | J                 |  |               |
|                       | Testing Recordkeeping   | ✓ Monitoring Reporting                                  |   |  | applicable Re<br>Bap Filling | equirements       |  |               |
| Testing               | Describe any tests which operating conditions exis              | have been performed to c                                | quantify emissions.<br>mmary results.       | Include the date of                                  | the test, me                 | thods and proce   | dures used, testing                    | g company,    |
| Date                  | Test Method   | Firm  |   | Operating Condit                                     | tions                        | Summary of R      | esults                                 |               |
|                       | N.A.  |   |   |  |                              |                   |  |               |
| Recordkeep            | List parameters for which                                       | n records are being mainta<br>or each recorded paramete | ined, the frequency<br>er include the metho | of such records (ho<br>od of measurement.            | ourly, daily, e              | etc.) And the len |  |               |
| Parameter (data       | a) Being Recorded   | Measurement N   | Method                                      |  | Frequency                    | У                 | Record Reter                           | ntion         |
|                       | tion (or amount of VOC)<br>St. Louis County Air Pol<br>Control) | lution paint volume le                                  |   | eration using daily<br>nethod as approved<br>ntrol). |                              | annual            | 5 y                                    | vears         |
| Manitoring            | D   | nonitoring used, location of                            | Emonitor, pollutants                        | s being monitored s                                  | ampling freg                 | uency and durat   | tion, and data repor                   | rtina method. |
| <b>Monitoring Dev</b> | rice Type ing as identified in the a section                    | Location Descr  | ription                                     |  |                              | F                 | Pollutant(s) Being                     | Monitored     |
| Sampling Frequ        | uency   | Duration of Sar   | mpling                                      | How Data Will Be                                     | Reported                     |                   |  |               |
| Reporting             | Describe all reporting rec                                      | quirements and provide the                              | e title and frequenc                        | y of report submittal                                | s to the ager                | псу.              |  |               |
| Reporting Requ        |   |   | Title of Report                             |  |                              | Submitta          | I Frequency                            |               |
| Y pillar a            | None  |   |   | N.A.   |                              |                   | N.A.                                   |               |
|                       | Attach description for a  | any Alternate Compliance                                | e Demonstration i                           | Vethods not listed                                   | above and l                  | label as EXHIBI   | T FORM OP - D05                        |               |
| MO 780-1519 (R        | EV. April 11, 1996)   |   |   | Duplicate this fo                                    | rm as need                   | ed                | The special F                          | Page D05S-24  |

| DM OD 6 COMPLIANCE D  | ETERMINATION N                                | METHODS                             | LOCALL              | Y ENFORC              | EABLE ONLY                            | ection D   |
|---|---|-------------------------------------|---------------------|-----------------------|---------------------------------------|--|
| RM OP 5 COMPLIANCE DI acility Name IcDonnell Douglas Corporation                  |   | County No.                          | 4300                | Plant No.             | 0230                                  | Year Submitted<br>1997                             |
| Emission Point No.  | CS-005-03                                     | S-005-02,<br>and CS-005-04          | Applicable Requ     | uirement:             | St. Louis Count<br>Section 612.150, ( | y-APC Code, Chapter 612-<br>Operating Permit #5367 |
| 6. Compliance Demonstration Methods (T  | esting, Monitoring, I                         | Recordkeeping,                      | Reporting, etc:)    |                       |                                       |  |
| Check the Applicable Method   |   |                                     | Basis of Comp       |                       |                                       |  |
| Testing   | ✓ Monitoring                                  |                                     |                     | Applicable R          | equirements                           |  |
| Recordkeeping   | ✓ Reporting                                   |                                     | 4-                  | Gap Filling           |                                       |  |
| Testing  Describe any tests which have operating conditions existing of           | e been performed to during the test and su    | uantify emission<br>mmary results.  | s. Include the date | e of the test,        |                                       | edures used, testing company,                      |
| Jate Test Method  | Firm  |                                     | Operating Cond      | litions               | Summary of Res                        | ults   |
| Recordkeeping  List parameters for which reconfrom the date of entry. For ea      | ords are being mainta<br>ch recorded paramete | ined, the frequenter include the me | cy of such records  | ent.                  |                                       | igth of time records are retained                  |
| Parameter (data) Being Recorded   | Measurement Me                                |                                     |                     | Frequenc              | у                                     | Record Retention                                   |
| 1) coal input to boiler 2) sulfur content, ash content, and heating value of coal | 1) record keeping<br>2) coal delivery ti      | _                                   |                     | 1) daily<br>2) each d | lelivery                              | 5 years  |
| Monitoring  |   | monitor polluta                     | nte being monitore  | d sampling            | frequency and dura                    | tion, and data reporting method                    |
| Describe any emission monitor Monitoring Device Type                              | Location Descrip                              | tion                                | nts being monitore  | a, camping            | Pol                                   | lutant(s) Being Monitored                          |
| record keeping as identified in the above section                                 |   |                                     |                     |                       |                                       |  |
| Sampling Frequency  | Duration of Sam                               | pling                               | How Data Will       | Be Reported           |                                       |  |
| Reporting   |   | Lill and frague                     | ney of report subm  | ittale to the         | adency<br>8                           |  |
| Describe all reporting require  | ments and provide the                         | Title of Report                     | ncy of report subm  | ilitais to the t      | Submittal                             | requency   |
| Reporting Requirement  coal usage and analysis repo                               |   | · ·                                 | Coal Usage Analy    | sis Report            | within 15                             | days of the end of the month                       |
| Attach description for any Alternate Comp   | oliance Demonstration                         | n Methods not                       | listed above and    | label as EX           | HIBIT FORM OP -                       | D05  |
| Attach description for any Attendate Some   |   |                                     | Duplicate this f    |                       |                                       | Page D05S-25                                       |

| ORM OP -   | DOS COMPLIA   | NCE DETERMINATION  | N METHODS  | 1   | OCALLY EI                  | <i>VFORCEABLE</i>                    | ONLY Section   |
|--|---|--|--|---|----------------------------|--------------------------------------|--|
| Facility Name  |   | W = 0  | County No.   | 4300  | 1                          | 0230                                 | Year Submitted<br>1997   |
| Emission Po  | int No. <i>CS-101-01 CS-101-02</i>  | Emission Unit No.  | CS-101-01<br>CS-101-02   | Applicable Requir                           | rement:                    | St. Louis County<br>Section 612.150, | -APC Code, Chapter 612-<br>Operating Permit #3078  |
| 5. Compliar  | nce Demonstration Meth  | ods (Testing, Monitoring, F  | Recordkeeping,   | Reporting, etc.)                            |                            |                                      | La company de la company d |
|  | he Applicable Method  | SCALLED SINGLE AND AND ADDRESS OF THE ADDRESS OF TH |  | Basis of Compi                              |                            |                                      |  |
|  | Testing   | Monitoring   |  |   | Applicable Red             | quirements                           |  |
| #1T  | Recordkeeping   | see below Reporting  |  |   | Gap Filling                |                                      |  |
| Testing  | Describe any tests who company, operating company.  | nich have been performed to<br>conditions existing during the  | quantify emission emi | ary of results.                             |                            |                                      |  |
| Date   | Test Method   | Firm   |  | Operating Condit                            | ions                       | Summary of Res                       | suits  |
|  | N.A.  |  |  |   | Vertical State of the      |                                      |  |
| Monitori   | ing   | de in a leastion of  | f monitor, polluta   | nts being monitored, s                      | sampling fregu             | ency and duratio                     | Little and the section   |
|  | Describe any emissin  |  |  |   |                            | icity and durant                     | n, and data reporting method   |
| Manitoring   |   | ocation Description  | iption   | The boing morner of                         |                            | Po                                   | n, and data reporting method<br>Illutant(s) Being Monitored  |
| Monitoring I   | Device Type   | Location Descri  | iption   | The being memores,                          |                            | Po                                   | n, and data reporting method<br>Illutant(s) Being Monitored  |
| VB   | Device Type  N.A.   | Location Description of San  | iption   | How Data Will Be                            |                            | Po                                   | n, and data reporting method<br>Illutant(s) Being Monitored  |
| Sampling Fi  | N.A. requency   | Duration of San  | npling   | How Data Will Be                            | e Reported                 |                                      | n, and data reporting method<br>illutant(s) Being Monitored  |
| ¥8   | N.A. requency   | Duration of San  | npling ne title and freque   | How Data Will Bo                            | e Reported                 | cy.                                  |  |
| Sampling Fi<br>Reportin  | N.A. requency   | Duration of San  | npling   | How Data Will Bo                            | e Reported                 | cy.                                  | Frequency  |
| Sampling Fi<br>Reporting<br>Reporting F  | N.A. requency  ng  Describe all reporting  Requirement  | Duration of San  | npling ne title and freque   | How Data Will Bo                            | e Reported                 | cy.                                  |  |
| Sampling From Reporting Reporting From Reporting Fr | N.A. requency  Describe all reporting Requirement  Douglas has been reque continue notification who | Duration Description of San requirements and provide the sted by St. Louis County - ten fuel is switched from  | npling ne title and freque   | How Data Will Be<br>ency of report submitta | e Reported                 | Submittal                            | Frequency  N.A.  |
| Reporting Report | N.A. requency  Describe all reporting Requirement  Douglas has been reque continue notification who | Duration of San requirements and provide the steed by St. Louis County -   | npling ne title and freque   | How Data Will Be<br>ency of report submitta | e Reported Is to the agend | Submittal abel as EXHIBIT            | Frequency  N.A.  |

| ORM OP - D05 COMPLIA  | NCE DETERMINATIO   | N METHODS                             | n not be a thin                          |                | ENFORCEAB                      |   |
|---|--|---------------------------------------|--|----------------|--------------------------------|---|
| Facility Name McDonnell Douglas Corporation   |  | County No.                            | 4300                                     | Plant No.      | 0230                           | Year Submitted  |
| Emission Point No.  | Emission Unit No.  | CS-101-03<br>CS-101-04                | Applicable Requi                         | rement:        | St. Louis Cou<br>Section 612.1 | nty-APC Code, Chapter 612-<br>50, Operating Permit #3077        |
| 5. Compliance Demonstration Metho   | ods (Testing, Monitoring,  | Recordkeeping,                        | Reporting, etc.)                         |                |                                |   |
| Check the Applicable Method   | and the second s |                                       | Basis of Compi                           |                |                                |   |
| Testing   | Monitoring   |                                       |  |                | lequirements                   |   |
| Recordkeeping   | see below Reporting  |                                       |  | Gap Filling    |                                |   |
| Testing  Describe any tests wh company, operating co  | ich have been performed to<br>anditions existing during the  | to quantify emissi<br>e test and summ | ons. Include the date<br>ary of results. | e of the test  |                                |   |
| Date Test Method  | Firm   |                                       | Operating Condi                          | tions          | Summary of                     | Results   |
| N.A.  |  |                                       |  |                |                                |   |
| from the date of entry.  Parameter (data) Being Recorded  N.A.                                  | For each recorded parame  Measurement I  | ter include the me                    | ethod of measurement                     | Frequen        |                                | gth of time records are retained  Record Retention              |
|   |  |                                       |  |                |                                | time and date concerting mothod                                 |
| Describe any emission   | monitoring used, location  | of monitor, polluta                   | ints being monitored, s                  | sampling fre   | quency and dura                | ation, and data reporting method.  Pollutant(s) Being Monitored |
| Monitoring Device Type  | Location Desc  | ription                               |  |                |                                | Tonatant(o) being memore  |
| N.A.  |  |                                       |  |                |                                |   |
| Sampling Frequency  | Duration of Sa   | mpling                                | How Data Will B                          | e Keportea     |                                |   |
| Reporting Describe all reporting  | requirements and provide t   | he title and freque                   | ency of report submitta                  | als to the age | ency.                          |   |
| Reporting Requirement   | The standards  | Title of Report                       |  |                | Submit                         | tal Frequency   |
| McDonnell Douglas has been reques APC to discontinue notification when natural gas to fuel oil. | n fuel is switched from  |                                       | -  |                |                                | N.A.  |
| Attach description for  | or any Alternate Compliar  | nce Demonstratio                      | on Methods not listed<br>Duplicate this  | d above and    | I label as EXHIE               | Page D05S   |
| MO 780-1519 (REV. April 11, 1996)   | Life and the second  |                                       | Duplicate this                           | IUIIII as ilee | rueu -                         |   |

| Include the date of results.  | ance Method<br>applicable Rec<br>cap Filling<br>of the test, r | quirements methods and pro Summary of Re                   | y-APC Code, Chapter 612-<br>, Operating Permit #3005<br>ocedures used, testing<br>esults |
|---|--|--|--|
| Include the date of results.  Operating Conditions of such records (howers) | of the test, r   | methods and pro Summary of Re                              | sults  |
| Operating Condition   | ons<br>ourly, daily, et  | Summary of Re  | sults  |
| of such records (ho   | ourly, daily, et   | tc.) And the length  |  |
| of such records (ho<br>I of measurement.                                    |  |  | h of time records are retained   |
|   |  |  | Record Retention   |
| peing monitored, sa   | ampling frequ  | uency and duration   | on, and data reporting method<br>ollutant(s) Being Monitored                             |
|   |  | - IQ1  |  |
| How Data Will Be  | Reported   |  | - # The same   |
| of report submittal   | s to the agen  | ICY.   | Fraguercy  |
|   |  | Gusinita   | N.A.   |
|   | How Data Will Be of report submittal                           | How Data Will Be Reported of report submittals to the agen | " "_ BB  |

|  | ANCE DETERMINATIO  |   |   | Plant No.                      |                                  | Year Submitted   |
|--|--|---|---|--------------------------------|----------------------------------|--|
| acility Name<br>IcDonnell Douglas Corporation  |  | County No.  | 4300                                    | and the                        | 0230                             | 1997   |
| mission Point No. <i>CS-102-02 CS-102-03</i>   | Emission Unit No.  | CS-102-02<br>CS-102-03  | Applicable Requi                        | rement:                        | St. Louis Coun<br>Section 612.15 | ty-APC Code, Chapter 612-<br>0, Operating Permit #3079   |
| Compliance Demonstration Met   | hods (Testing, Monitoring,   | Recordkeeping, I  | Reporting, etc.)                        | <b>美国工作企</b>                   |                                  |  |
| Check the Applicable Method  | Charles on State of S |   | Basis of Comp                           |                                |                                  |  |
| Testing  | Monitoring   |   |   | Applicable Re                  | quirements                       |  |
| Recordkeeping  | see below Reporting  |   |   | Gap Filling                    |                                  | The state of the s |
| Testing  Describe any tests w  | rhich have been performed t<br>conditions existing during th   | o quantify emission<br>e test and summa   | ons. Include the dat<br>ary of results. | e of the test, i               | methods and pr                   | ocedures used, testing   |
| Date Test Method   | Firm   |   | Operating Condi                         | tions                          | Summary of R                     | esults   |
| N.A.   |  |   |   |                                |                                  |  |
| from the date of entry   | hich records are being maint<br>y. For each recorded parame  | ter include the met   | thod of measuremen                      | t.                             | or or the                        |  |
| from the date of entry   | y. For each recorded paramet   | ter include the mei   | thod of measuremen                      | Frequency                      |                                  | Record Retention   |
| from the date of entry arameter (data) Being Recorded  N.A.  | y. For each recorded parame<br>Measurement M   | Method  | (nod of measuremen                      | Frequency                      | y                                | Record Retention   |
| from the date of entry arameter (data) Being Recorded N.A.   | Measurement Measur | Method  of monitor, pollutar  | (nod of measuremen                      | Frequency                      | y<br>uency and durat             | Record Retention   |
| from the date of entry farameter (data) Being Recorded  N.A.  Monitoring  Describe any emission  | y. For each recorded parame<br>Measurement M   | Method  of monitor, pollutar  | (nod of measuremen                      | Frequency                      | y<br>uency and durat             | Record Retention   |
| from the date of entry Parameter (data) Being Recorded  N.A.  Monitoring  Describe any emission  | Measurement Measur | Method  of monitor, pollutar  | nts being monitored,                    | Frequency                      | y<br>uency and durat             | Record Retention   |
| from the date of entry Parameter (data) Being Recorded  N.A.  Monitoring  Describe any emission  Monitoring Device Type  N.A.  | Measurement Measur | Method  of monitor, pollutar  | (nod of measuremen                      | Frequency                      | y<br>uency and durat             | Record Retention   |
| from the date of entry Parameter (data) Being Recorded  N.A.  Monitoring  Describe any emission  Monitoring Device Type  N.A.  Sampling Frequency  | Measurement Measur | Method  of monitor, pollutar ription  mpling  | nts being monitored,                    | sampling frequency             | uency and durat                  | Record Retention  ion, and data reporting metho Pollutant(s) Being Monitore  |
| from the date of entry  Parameter (data) Being Recorded  N.A.  Monitoring  Describe any emission  Monitoring Device Type  N.A.  Sampling Frequency  Reporting  Describe all reporting  | Measurement Measur | Method  of monitor, pollutar ription  mpling  | How Data Will B                         | sampling frequency             | uency and durat                  | Record Retention   |
| from the date of entry Parameter (data) Being Recorded  N.A.  Monitoring  Describe any emission  Monitoring Device Type  N.A.  Sampling Frequency  Reporting  Describe all reporting  Reporting Requirement  | Measurement Measur | Method  of monitor, pollutar ription  mpling  he title and frequent                 | How Data Will B                         | sampling frequency             | uency and durat                  | Record Retention  ion, and data reporting method Pollutant(s) Being Monitore   |
| from the date of entry  Parameter (data) Being Recorded  N.A.  Monitoring  Describe any emission  Monitoring Device Type  N.A.  Sampling Frequency  Reporting  Describe all reporting  Reporting Requirement  McDonnell Douglas has been required to discontinue notification where the partial gas to fuel oil. | Measurement Measur | Method  of monitor, pollutar ription  mpling  he title and frequer  Title of Report | How Data Will B                         | sampling frequency se Reported | uency and durat                  | Record Retention  ion, and data reporting methor  Pollutant(s) Being Monitore  al Frequency  N.A.  |

| FORM OP - L                            | 005 COMPLIANC  | E DETERMINATION                                      | METHODS   | STATE A                                      | ND LOCAL        | LY ENFORCEAL                                      | BLE Section D   |
|--|--|--|---|--|-----------------|---|---|
| Facility Name                          | 2001190  |  | County No.  | 4300   | Plant No.       | 0230  | Year Submitted<br>1997                                      |
| Emission Poir                          | nt No. ST-STL-01   | ST-022-25, ST-041-20<br>ST-102B-01, ST-121-0         | 1, ST-245-02  | Applicable Requi                             | rement:         | 10 CSR 10-5.443                                   |   |
| 5. Comp                                | llance Demonstration Meth                                  | ods (Testing, Monitoring                             | j, Recordkeepir   | ig, Reporting, etc.)                         |                 |   |   |
| Check the                              | e Applicable Method  |  |   | Basis of Complia                             |                 |   |   |
| 22                                     | Testing  | Monitoring   |   | 100000000000000000000000000000000000000      | pplicable Re    | quirements  |   |
|  | Recordkeeping  | Reporting  |   | I G  | Sap Filling     |   |   |
| Testin                                 | ng   |  |   |  |                 |   | 11 1  |
|  | Describe any tests which h<br>operating conditions existir | ave been performed to quing during the test and sum  | antify emissions<br>mary of results.                    |  |                 |   | res used, testing company,                                  |
| Date                                   | Test Method N.A.   | Firm   |   | Operating Condit                             | tions           | Summary of Res                                    | ults  |
| Recor                                  | rdkeeping  |  |   |  |                 |   |   |
|  | List parameters for which r from the date of entry. For    | ecords are being maintain<br>each recorded parameter | ed, the frequenc<br>include the meth                    | y of such records (he<br>nod of measurement. | ourly, daily, e | etc.) And the length                              | of time records are retained                                |
|  | ata) Being Recorded<br>ine delivered between 6/1 an        | d 9/15 or other documen                              | kept of each inv<br>its which accom<br>g that the RVP i | s less than or equal                         | each shipn      | hall be kept of<br>ment of gasoline<br>compliance | Record Retention  5 years                                   |
| Monit                                  | toring   |  |   | L. i i i d . o                               | ampling frog    | uoney and duration                                | and data reporting method                                   |
| Monitoring Done record keeping section |  | Location Descrip                                     | nonitor, pollutant<br>otion                             | s being monitored, s                         | ampling freq    | Pol   | n, and data reporting method.<br>Ilutant(s) Being Monitored |
| Sampling Fre                           | equency  | Duration of Sam                                      | pling   | How Data Will Be                             | Reported        |   |   |
| Repo                                   | rting  Describe all reporting requ                         | irements and provide the t                           | title and frequenc                                      | cy of report submittal                       | s to the ager   | ncy.  |   |
| Reporting Re                           |  | 1  | Title of Report   |  |                 | Submittal F                                       | requency  |
| No routine re                          | porting required. Records s                                | on request.  |   | N.A.   |                 |   | N.A.  |
|  | Attach description for an                                  | y Alternate Compliance                               | Demonstration   |  |                 |   | FUKIVI UP - DUS   |
| MO 780-1519                            | (REV. April 11, 1996)                                      |  |   | Duplicate this fo                            | orm as need     | ed  | Page D05S-30  |

| ORM OP - E01<br>Facility Name<br>McDonnell Douglas Corp           | COMPLIANCE PLAN  | County                             | No.                                   | Plant No.<br>0230  | Year Submitted<br>1997 |
|---|--|------------------------------------|---------------------------------------|--|------------------------|
| Completion  | of this form of the operat                                 |                                    | ms packag                             | e is mandatory for all   |                        |
| 1. Compliance status w  | ith all applicable requirer                                | nents effective                    | e at the time                         | e of the issuance of tl  | nis permit.            |
| Will your facility be in comply with these requ                   | compliance with all applicabuirements for the duration of  | ole requirement<br>of this permit? | s at the time                         | of the permit issuance   | and continue to        |
| Yes: ✓  | No:  | (If No, Comp                       | lete the Table                        | : 1)   |                        |
| •   | Schedule fo  | or Achieving Co                    | ompliance Ta                          | ble l  |                        |
| Applicable Requirement<br>for Which Compliance<br>is Not Achieved | How Will Compliance<br>Be Achieved With This<br>Applicable | his Of Compliance Submittal        |                                       | Frequency for<br>Submittal of<br>Progress Report   |                        |
| 13 1101 701110101   | Requirement?   | Step                               | Date                                  | (6 Month Minimur   | n)                     |
|   |  |                                    | 1 1                                   |  |                        |
|   |  |                                    | 1 1                                   |  |                        |
|   |  |                                    | 1 1                                   |  |                        |
|   |  |                                    | $-\frac{1}{1}\frac{1}{1}$             |  |                        |
|   |  |                                    | 1 1                                   |  |                        |
|   |  |                                    | - 1 1                                 |  |                        |
|   |  |                                    |                                       |  |                        |
|   |  |                                    |                                       |  | -                      |
|   |  |                                    | 1 1                                   |  |                        |
|   |  |                                    |                                       |  |                        |
| 2. Future Effective Comp  | liance Repuirements.                                       |                                    |                                       |  |                        |
|   | mpliance with all applicable re                            | equirements takii                  | ng effect durir                       | ng the term of the permit  | and meet such          |
| Yes:  | No   | (If No, Com                        | plete the Tabl                        | e II)  |                        |
|   | Schedule I   | for Achieving C                    | <u> </u>                              |  |                        |
| Applicable Requirement  | That You Expect Will                                       |                                    | iled Schedul                          | le To Compliance (See I  |                        |
| NOT be Com  | piled with   | Step                               |                                       |  | Date /                 |
|   |  |                                    |                                       | The state of the s | 1 1                    |
|   | ,  |                                    |                                       |  | 1 1                    |
|   |  |                                    | · · · · · · · · · · · · · · · · · · · |  | 1 1                    |
|   |  |                                    |                                       |  | 1 1                    |
|   |  |                                    |                                       |  | 1 1                    |
|   |  |                                    |                                       |  |                        |
|   |  |                                    | · .                                   |  | 1 1                    |
|   |  |                                    |                                       |  | 1 1                    |

| ORM OP - E02 COMPLIANCE CERTIFIC   | CATION STATE                                 | MENT                      | Section                     |
|--|--|---------------------------|-----------------------------|
| Facility Name  | County No.                                   | Plant No.                 | Year Submitted              |
| Donnell Douglas Corporation  | 4300   | 0230                      | 1997                        |
| Complete this form once per application wit  | th respect to all ap<br>ee Instructions)     | plicable requirements a   | at the source.              |
| 1. Schedule for submission of compliance certificat  | tion during the per                          | mit term                  | 60 CONTRACTOR               |
| Frequency of Submittals  |  |                           | Beginning Date              |
| Annually   |  | ,                         | January 1, 1998             |
| 2. Statement of compliance with enhanced monitor   | ing and compliand                            | e certification           |                             |
| Is the Air Contaminant Source Identified In This A<br>Monitoring and Compliance Certification Require  | ements?                                      |                           |                             |
| Yes: ✓ (See Note No: (I<br>Below) (I   | f No, Describe Wh                            | ich Requirements Are N    | NOT Being Met)              |
| Description of I   | Requirement Not E                            | seing Met                 |                             |
|  |  |                           |                             |
| Note: The Compliance Assurance Monitoring Rule h   | nas not been finaliz                         | zed by EPA. McDonnel      | Douglas shall               |
| achieve compliance for each affected emission unit   | or operation subje                           | ct to the rule by the co  | mpliance date.              |
|  |  |                           |                             |
|  |  |                           |                             |
|  | e v  |                           |                             |
|  |  |                           |                             |
|  |  |                           |                             |
|  |  |                           |                             |
|  |  |                           |                             |
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|  |  |                           |                             |
|  |  |                           |                             |
|  |  |                           |                             |
|  |  |                           |                             |
|  |  |                           |                             |
|  |  |                           |                             |
| 3. Certification of compliance with all applicable re  | equirements                                  |                           |                             |
| This certification must be signed by a responsit   | ale official (See Ins                        | tructions)                |                             |
| Applications without a signed certification of co  | ompliance will be re                         | eturned as incomplete.    |                             |
|  |  |                           |                             |
| Except for requirements identified in the above state  | ement for which con                          | npliance is not achieved, | I hereby certify that,      |
| based on information and belief formed after reason  | nable inquiry, the air                       | r contaminant source idei | ntified in this application |
| in compliance with all requirements.   |  |                           |                             |
|  | 00   |                           |                             |
| $\sqrt{\sqrt{2}}$  | 91.1   |                           | 1-97                        |
| Signature:   | Alle   | Date: 5                   | -5-97                       |
| 1 The state of the | <i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i> |                           |                             |
|  |  |                           |                             |
| Name ( /   |  |                           |                             |
| (Typed or printed): John J. Van Gels   |  |                           |                             |

## State of Missouri **Application for Authority to Operate Completeness Checklist**

| ORM OP - F02 COMPLETENESS CHECKLIST Sect   |                         |  |   |  |  |
|--|-------------------------|--|---|--|--|
| Facility Name  |                         | County No.   | Plant No.   | Year Submitted                         |  |
| McDonnell Douglas Corporation  | 4300                    | 0230   | 1997  |  |  |
| Put a check mark - 🗸 on the Checklist Line Number after completion of each item and section.   |                         |  |   |  |  |
| SECTION A - GENERAL APPLICATION INFORMATION  |                         |  |   |  |  |
| Part 1 - Facility Information  |                         | nformation required fo   | r an administrative   | ly complete                            |  |
| <ul> <li>✓ Line 1:</li> <li>✓ Line 2:</li> <li>✓ Line 3:</li> <li>✓ Line 4:</li> <li>✓ Line 5:</li> <li>✓ Line 6:</li> <li>✓ Line 7:</li> <li>Completed</li> </ul> | Y:                      | Facility Name, County N<br>Facility Street Address, (<br>City, State, Zip Code & F<br>Facility Mailing Address<br>City, State, Zip Code & N<br>Contact Person Name &<br>Contact Person Title & S | County Name Facility Phone Numbe & Fax Number Missouri Senatorial D Missouri Representa | er<br>vistrict<br>ative District       |  |
| Part 2 - Parent Company Information  Line 8: Line 9: Completed   | Y:                      | Parent Company Name,<br>Parent Company Name,   | Contact Person Nar<br>Contact Person Nar  | me & Phone Number<br>me & Phone Number |  |
| Part 3 & 4 - Type of Application  Line 10: Line 11: Completed  | Y:                      | Checked one type only<br>Checked one type only   |   |  |  |
| Part 5 - Applicant's Certification Statement  Line 12: Line 13: Line 14: Completed Part 6 & 7 - Product & Process  | Y:                      | Signature of Responsib<br>Type or Print Signer's N<br>Official Title of Signer &   | iame  |  |  |
| Information and 2 digit SIC Code  Line 15: Line 16: Completed  | Y: N:<br>Y: N:<br>Y: N: | Principle Product, and in Process Type(s), and the   |   | (s).                                   |  |
| Part 8 - Alternative Operating Scenarios  Line 17: Completed  780 4549 (PEV April 11, 1996)  | Y:                      | Answered Yes or No. (  | Checked Appropriate   | Space. Page F02-1                      |  |

780-1519 (REV. April 11, 1996)

FORM OP - F02 COMPLETENESS CHECKLIST - CONTINUED

| -URWI UP - FUZ COMPLETENESS CHECKEIST - CONTINUES  |   |   |  |  |  |
|--|---|---|--|--|--|
| SECTION A - GENERAL APPLICATION  | ON INFORMATION  |   |  |  |  |
| <u>9 - EIQ Submittal</u>   | Agency Use Only   |   |  |  |  |
| ✓ Line 18:   | Y: N:   | Answered Yes or No. If Yes, indicated date of most recent EIQ.  |  |  |  |
| NA Line 19:  | Y: / N: NA:   | If No, Submitted the block checklist indicating the type and  |  |  |  |
| - NA Ellio 15.   |   | number of EIQ forms sent with application.  |  |  |  |
| Completed ✓  | Y: / N:   |   |  |  |  |
|  |   |   |  |  |  |
| Part 10 - Number and Type of Forms Used For Each Product   |   |   |  |  |  |
|  | Y: / N:   | Submitted the block checklist indicating the type and   |  |  |  |
| Line 20:   | 1. <u>/                                   </u>  | number forms completed in this application for each major   |  |  |  |
|  |   | product type.   |  |  |  |
| Completed  | Y: N:   |   |  |  |  |
| Part 11 - Applicable   |   | - 1   |  |  |  |
| Requirements   |   | Submitted a list of Applicable Requirements that apply to   |  |  |  |
| ✓ Line 21:   | Y: / N:   | this facility   |  |  |  |
|  |   | •   |  |  |  |
| Completed/   | Y:  |   |  |  |  |
| SECTION B - EMISSIONS INVENTO  | RY  |   |  |  |  |
| Complete this section if you are re-   | quired to submit two copies of L  | IQ with this application.   |  |  |  |
| Part 1 - EIQ (Emissions  |   |   |  |  |  |
| Inventory Questionnaire)   |   |   |  |  |  |
| ✓ Line 22:   | Y: / N:   | Submitted most recent EIQ with this Application.  |  |  |  |
| Line 23:   | Y: _/ N: NA:  | Quantification of all emissions in tons per year.   |  |  |  |
| ✓ Line 24:   | Y: N: NA:   | Emission Points identified and descriptions detailed.   |  |  |  |
| Completed/   | Y: <u>/</u> N:  |   |  |  |  |
| SECTION C - INSIGNIFICANT  | ACTIVITIES  |   |  |  |  |
| SECTION 6 - INSIGNICALIN   | ACTIVITIES.   | I   |  |  |  |
| Part 1 - Activities Not Required   |   |   |  |  |  |
| to be Listed   | 1000 · 1 | Facility Name County Number Plant Number Year   |  |  |  |
| ✓ Line 25:   | Y: N:   | Facility Name, County Number, Plant Number, Year Submitted.   |  |  |  |
|  | Y: / N: NA:   | Submitted a completed checklist.  |  |  |  |
| Line 26:   |   | Outstanding a completed endowner.   |  |  |  |
| Completed/   | Y: N:   |   |  |  |  |
| Part 2 - Activities Required to be Listed  | 100   |   |  |  |  |
| 100 I W 10 100 1000  | Y: / N:   | Facility Name, County Number, Plant Number, Year  |  |  |  |
| Line 27:   | 1. <u>7. ~</u>  | Submitted.  |  |  |  |
| ✓ Line 28:   | Y: / N: NA:   | Submitted a completed block checklist   |  |  |  |
| Completed /  | Y: / N:   |   |  |  |  |
| Part 3 - List of Insignificant   |   | •   |  |  |  |
| Activities   |   | to the country appears to the second second to the second second to the second |  |  |  |
| ✓ Line 29:   | Y: / N:   | Facility Name, County Number, Plant Number, Year  |  |  |  |
|  |   | Submitted.  |  |  |  |
| ✓_ Line 30:  | Y: N: NA:   | Emission Unit #, Number of Activities (Grouped),  |  |  |  |
| The second secon | 100000000000000000000000000000000000000   | Pollutant(s) Emitted, Estimated Emissions (Tons/Yr).  Description of Activity   |  |  |  |
| ✓ Line 31:   | Y: / N: NA:<br>Y: N:  | Description of Activity   |  |  |  |
| Completed/   | Y: N:   |   |  |  |  |

| SECTION D - EMISSION UNIT IN         | NFORMATION   |   |
|--------------------------------------|--|---|
| r +1 - Existing Plant -Wide Permit   | Agency Use Only  |   |
| ✓ Line 32:                           | Y:   | Facility Name, County Number, Plant Number, Year Submitted.   |
| NA Line 33:                          | Y: 1/N: NA:  | Permit No. and Applicable Permit Conditions are Listed.   |
| NA Line 34:                          | Y: / N:NA:   | Compliance Demonstration Method and Description of Methods of Compliance is Provided.                               |
| Completed                            | Y: N:  | 1000  |
| Part 2 - Proposed Plant -Wide Permit |  |   |
| Conditions                           | /  | - W N O the Number Plant Number Vogs  |
| Line 35:                             | Y: / N:  | Facility Name, County Number, Plant Number, Year Submitted.   |
| NA Line 36:                          | Y: / N:NA:   | Any Proposed Plant-Wide Permit Conditions are Listed.   |
| NALine 37:                           | Y: N: NA:  | Compliance Demonstration Method and Descriptionof Methods of Compliance is Provided.                                |
| Completed                            | Y: N:  |   |
| Part 3 - Emission Unit Information   |  |   |
| ✓ Line 38:                           | Y: N:  | Facility Name, County Number, Plant Number, Year  |
| ✓ Line 39:                           | Y: N:  | Submitted. Emission Point No., Emission Unit No., Source  |
| Line 40:                             | Y: N:  | Classification Code.  Description of Unit, Manufacturer & Model No.,  Date of Manufacture, Stack ID, Maximum Design |
| Line 41:                             | Y:N:   | Rate/Capacity. Alternate Operating Scenario? Total Maximum Design Rate/Capacity.                                    |
| Completed/                           | Y: N:  | 3559  |
| Part 4 - Alternate Operating         |  |   |
| Scenario (Flexible Permits)          | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | 9 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3   |
| Line 42:                             | Y: N:NA:   | Alternate Operating Scenario ID, SIC Code for Scenario.   |
| ✓ Line 43:                           | Y: /N: NA:   | Description of Alternate Operating Scenario.  |
| ✓ Line 44:                           | Y: 7 N: NA:  | Operational Flexibility ensure emissions trades   |
| Line 44.                             |  | among Emission Units in the facility made w/o   |
|                                      | 10 mm (10 mm)  | permit revision are QUANTIFIABLE &  |
| G 50 508                             | / /  | ENFORCEABLE under 70.4(b)(12) Alternative Scenarios Identified & DO NOT   |
| Line 45:                             | Y: N: NA:  | REQUIRE Permit Revisions for: (Circle Appropriate   |
|                                      |  | Items)  |
|                                      | A STATE OF THE STA | A) Facility Emissions Information     B) Control Device Requirements  |
|                                      |  | C) Any Applicable Requirements  |
|                                      | The same of the sa | D) Monitoring, Recordkeeping & Reporting  |
|                                      |  | Requirements  |
|                                      | V. / N.  | E) Compliance Certification Requirements  |
| Completed/                           | Y: N:  |   |
| 8L3                                  | 40   | B 500 2   |